spatial
TECHNOLOGIES
2014 Catalogue
877.252.0070

New Products

senseFly eBee RTK Page 14

- Collects aerial imagery up to 1.6-6 sq. km per 45 minute flight
- Hand launched
- No piloting skills needed
- Intuitive software

Leica GS14 Page 27

- Powerful and compact GNSS receiver
- IP68 protection against the elements
- Built for extreme temperatures
- Integrated TX/RX radio

Leica 810 Touch Disto Page 65

- First laser distance meter with touch screen
- Precise 360 degree tilt sensor
- Free Disto Sketch App available for both iOS and Android
- Integrated camera now stores images with USB download capability
- Rechargeable battery

Leica Nova MS50 Page 28

- Combines every significant measuring technology in one device:
  - 3D Scanning
  - Precision TPS
  - Digital Imagery
  - GNSS Connectivity
  - Long Range Reflectorless

Vivax VLoc Pro 2 Page 67

- Exceptional sensitivity
- Multiple frequencies for any application
- Multiple transmitter options to suit your needs

Rugby 800 Series Lasers Page 50

- Toughest laser on the market with the highest environmental standards for water and dust protection
- Available in 4 different versions to suit any application
- Unique solar power concept enable you to recharge your batteries anywhere, anytime
- The best IP rating of any laser in the industry (IP68)

Table of Contents

Welcome	Page 4
Locations	Page 5
Technical Support	Page 6
Training	Page 7
Terms and Conditions	Page 8
Service	Page 9
Scanning Solutions	Page 10
Airborne Solutions	Page 14
Leica Viva	Page 22
Leica Data Collectors and Software	Page 24
Leica GPS Solutions	Page 26
Scanning Total Station	Page 28
Robotic Total Stations	Page 29
Manual Total Stations	Page 31
Software	Page 34
Mapping Solutions	Page 36
Non-Leica Data Collectors and Software	Page 38
GPS Radios	Page 40
Network Solutions	Page 42
iCON Construction Solutions	Page 43
Construction Lasers	Page 48
Interior Lasers	Page 54
Pipe Lasers and Laser Accessories	Page 55
Laser Receivers	Page 56
Distance Measuring Instruments	Page 59
Line and Dot Lasers	Page 60
Levels	Page 61
Laser Distancemeters	Page 64
Locators	Page 66
Electronic Hand Tools	Page 69
Tripods	Page 70
Cables	Page 72
Batteries and Chargers	Page 73
Data Collector Accessories	Page 74
Tribrachs, Adapters, and Carriers	Page 75
Prisms	Page 76
Prism Poles and Accessories	Page 78
Instrument Accessories	Page 80
GPS Radio Accessories	Page 82
Level Rods	Page 84
Hand Levels	Page 85
Safety and Vests	Page 86
Flagging, Whiskers and Targets	Page 88
Paint	Page 90
Markers and Crayons	Page 91
Drafting and Paper	Page 92
Plumb Bobs and Accessories	Page 94
Nails and Spikes	Page 95
Lath	Page 96
Blades and Sledges	Page 97
Measuring Wheels and Tapes	Page 98

Welcome

Your First Choice In Top Quality Measurement Solutions

Founded in 2002 and led by three former Leica Geosystems employees and staffed by trained and experienced professionals, including Professional Land Surveyors, Spatial Technologies is the exclusive sales and authorized warranty service centre for Leica's high-end surveying solutions in Western Canada. Our head office is based in Calgary, Alberta with additional offices in Edmonton, AB and Richmond, BC. Spatial Technologies sells, services and rents a complete range of surveying equipment and supplies ranging from basic construction lasers to 3D laser scanners.

Spatial Technologies is the most trusted supplier of quality measurement solutions to the Land Surveying, Engineering, construction, mining, and mapping industries.

Spatial Technologies understands exactly what tools you need, whether it is to ensure millimeter accuracy for special construction or when "close enough" is enough. We'll make sure you have the right product.

At Spatial Technologies we know that you need accurate, reliable, cost effective solutions and supplies backed by a knowledgeable support and service staff.

Our mission is to ensure your success. Spatial Technologies strives to be a partner and not just a supplier to our customers. Our goal is to establish a reputation of mutual respect, trust and integrity in all of our dealings with our customers and our suppliers.

Locations

With offices in Calgary, Edmonton and Richmond - Spatial Technologies has you covered

Calgary Office
#2 -21 Highfield Circle SE
Calgary, Alberta
T2G 5N6
P - 403.252.0070
F - 403.259.3992

Edmonton Office
16304 - 111 Ave
Edmonton, Alberta
T5M 4G3
P - 780.486.2111
F - 780.486.2155

Richmond Office
#10 - 3671 Viking Way
Richmond, BC
V6V 2J5
P - 604.214.9453
F - 604.214.3455

Technical Support

To be able to fully support our customers, Spatial Technologies has dedicated individuals keeping you working hard by providing support and training. Only a call away!

Call Toll Free 855.414.9453

These individuals have also worked hard at creating a wealth of knowledge available to users in the form of quickstart guides, tutorials and format files all available 24 hours a day on our website. Check it out today!

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TECHNOLOGIES
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Careers
News
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Contact Us
Office Locations
Calgary Office
#2, 21 Highfield Circle SE
Calgary, Alberta
T2G 5N6
Phone: (403) 252-0070
Fax: (403) 259-3992
Driving Directions
Edmonton Office
16304 111 Avenue
Edmonton, Alberta
T5M 4G3
Phone: (780) 486-2111
Fax: (780) 486-2155
Driving Directions
Vancouver Office
QUICKSTARTS & TUTORIALS
Tutorial: Using the Tap-Map & DXF files in SmartWorx Viva v4.60
This tutorial will walk through the functionality of the tap-map in SmartWorx Viva. The tap-map was introduced in Leica SmartWorx Viva 4.0 and allows the surveyor to work with applications through a graphical, map-based interface.
READ MORE
Leica Geo Office Tutorial: Using SmartWorx Viva, CSRS-PPP & Geo Office
This tutorial provides an overview of the process involved in working with a Leica Viva Base & Rover on an arbitrary datum, then later updating the coordinates of the base and rover onto a predefined datum using PPP and Leica Geo Office.

www.spatialtechnologies.ca

Training

Knowledge at your Fingertips

Spatial Technologies offers flexible courses designed to suit your company's needs and the professional development of your staff. Our instructors are experienced professionals that will provide you with first-rate, hands-on training in order to maximize your productivity in the field. Whether you use a simple distance measuring device or the most sophisticated integrated solution, Spatial Technologies provides a true partnership in helping to define your training requirements and deliver the highest level of service, support and collaboration.

- On-site TPS, GPS and Software Training
- Customized Company Training Programs
- Remote PC Training
- Basic Construction Product Training
- Product Workshops

Terms and Conditions

Catalog Accuracy and Pricing
Spatial Technologies makes every effort to ensure that the information presented in this catalog is accurate. Spatial Technologies cannot be held responsible for any errors. Spatial Technologies warrant the accuracy and reserves the right to make changes at any time without notice.

Shipping
As specified by the customer, or via the most economical route possible. We reserve the right to select method of transportation for prepaid shipments. All goods we sell are carefully selected and inspected before shipping. Carrier is Responsible for Damage and Loss. No merchandise can be returned without prior consent. Please contact us for product return number. All shipments are uninsured by Spatial Technologies and are the customers responsibility once goods leave the premises.

Rentals
Most products may be rented, leased or obtained on a rental/purchase plan. Please call for Rental Rates on survey equipment. All rentals start from the time the equipment leaves our shop until the time it is returned. All travel time is included in the rental period. Please inspect shipments immediately after receipt and report damages or shortages to your carrier at once. Spatial Technologies is not responsible for any damage or loss.

Errors
All claims of error in shipments must be made within 48 hours of receipt of product.

Accounts
Call the nearest Spatial Technologies Office for a Customer Account Application.

DEALER INQUIRIES WELCOME

At Your Service...

We offer a full service and repair center at our locations in Calgary, Edmonton and Richmond. Our Leica factory-certified technicians offer over 120 years of combined experience to provide you with the best service for your equipment. We provide free estimates and only begin work on your approval. All our repairs come with a 3 month guarantee backed up by a large rental pool giving you peace of mind.

For more information or to request service feel free to contact us at **877.252.0070** or visit us at **www.spatialtechnologies.ca**

Leica P20 Scanner

Industry´s Best Performing Ultra-High Speed Laser Scanner

Leica ScanStation P20, an ultra-high speed rugged one-scanning solution, designed to operate in temperatures from -20°C to +50°C. Scanning 1 million points per second with a 120m range, it's as fast as it is accurate.

The Leica ScanStation P20 provides three world's firsts in a compact terrestrial laser scanner:

- Onboard Check & Adjust functionality
- Sub-millimeter range noise at 120 m
- Modern Waveform Digitizing (WFD) technology delivering 1 million points per second.

Leica Geosystems are pioneers in the development of terrestrial laser scanners, and these years of experience is shown in the state-of-the-art technology used in the Leica ScanStation P20. The P20 uses an optimal combination of angular and range measurements to provide unrivaled 3D point quality and product reliability

Prices are subject to change without notice.

Leica P15 Scanner

Scalable Laser Scanner

The new Leica ScanStation P15 achieves an extremely fast million points per second scan rate and delivers the highest quality possible in 3D data for project scans with ranges of up to 40 m. In addition, it has best-in-class angular measurements and tilt compensation, making the Leica ScanStation P15 perfectly suited for quick and accurate as-built surveys of any scenes. Robustly built, the Leica ScanStation P15 can be used even under the most challenging conditions. With an environmental rating of IP54, the Leica ScanStation P15 operates at temperatures ranging from –20° C to +50° C and also enables 3D scanning in full sunlight or complete darkness.

Leica C10 Scanner

The All-in-One Laser Scanner for Any Application

The versatile Leica ScanStation C10 includes a high-accuracy/long-range scanner, tilt sensor, battery, controller, data storage, auto-adjusting video camera and laser plummet all in one compact, portable instrument. The ScanStation C10 also features major productivity advances, including a Smart X-Mirror™ design that lets users conduct full-dome scans in literally a few minutes using a spinning mirror or conduct small area scans efficiently with Smart X-Mirror's oscillating mode.

Leica Cyclone

3D Point Cloud Processing Software

The inherent completeness of 3D point clouds represents one of their major advantages over other sources of geometric information. Cyclone's unique Object Database Client/Server software architecture provides the highest performance environment for laser scanning projects. Cyclone software makes it easy for users to manage data efficiently in databases. Users can work concurrently on databases, thereby reducing the need to copy and/or transmit large point cloud project files.

Cyclone-REGISTER

Cyclone-REGISTER provides the complete set of tools for aligning point clouds captured from different scanning positions, quickly and accurately. Cyclone-REGISTER supports the use of Leica Geosystems HDS targets to geo-reference scan data, as well as the ability to align overlapping areas of point clouds – without the use of targets. This results in optimum registration, and provides significant time- and cost-savings by reducing the need to place and extract targets.

Cyclone-MODEL

This versatile, powerful module enables professionals to use point clouds directly, to process them into objects for robust export into CAD (and other applications), and to allow robust import of data from CAD (and other applications). Cyclone-MODEL has the industry's largest, most complete and automated set of tools for accurately modeling 3D point clouds as CAD geometry or as meshes for engineering, surveying, construction, architectural and related applications.

Cyclone-SURVEY

Cyclone-SURVEY lets surveyors quickly extract relevant feature and coordinate information from the point cloud data via the Cyclone Virtual Surveyor™ function. Powerful tools support complex topographic models, with intelligent mesh decimation that minimizes file size while retaining accurate geometry. Cyclone-SURVEY is a subset of the Cyclone-MODEL product and is an ideal module for surveyors.

Prices are subject to change without notice.

Leica Cyclone

3D Point Cloud Processing Software

Cyclone-IMPORTER

Many organizations find the need to utilize scanners from other providers but would prefer to process this data with Leica's software solutions. Through direct agreements with many of the other scanner manufactures, Cyclone IMPORTER provides direct importing of the native point cloud formats from Faro, Riegl and Optech units.

Cyclone-BASIC

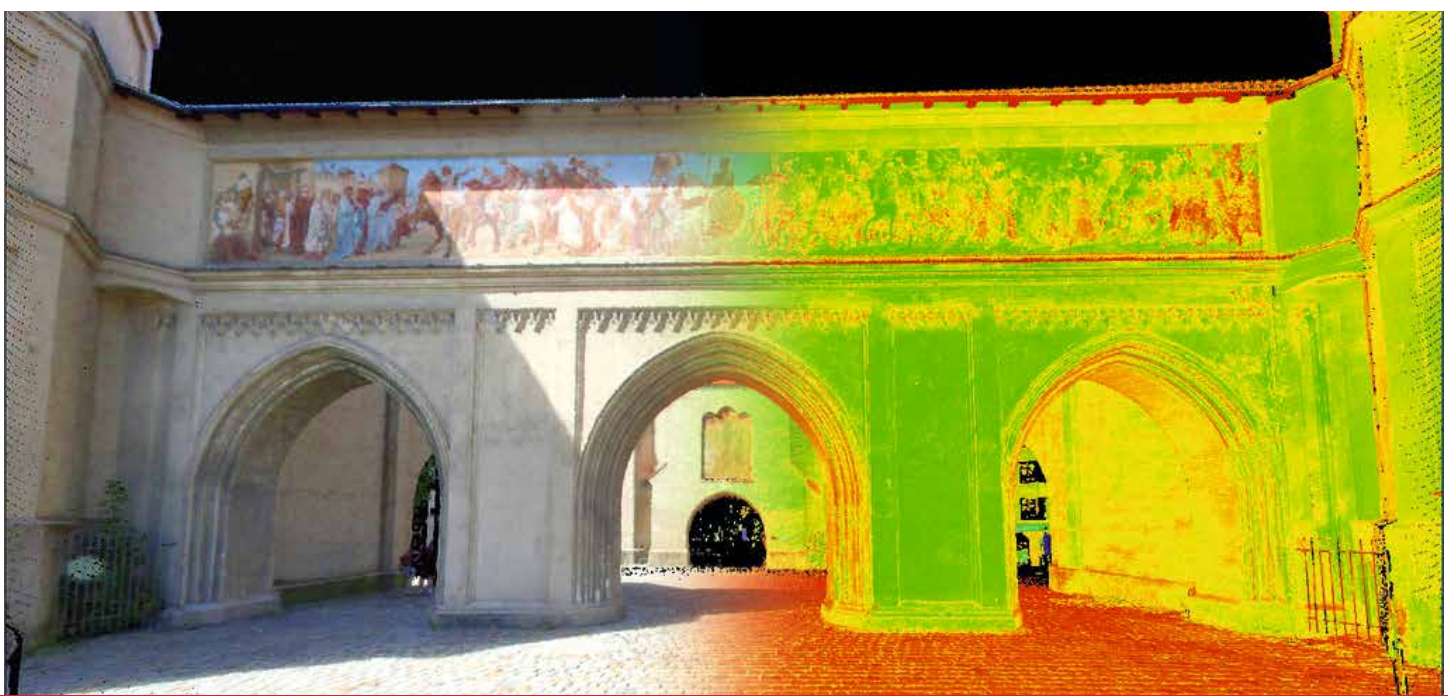
Cyclone-BASIC operates time-of-flight and phase-based Leica Geosystems scanners. Users can manage scan parameters; scan target acquisition; field QA; digital imaging; geo-referencing; and more depending on scanner capabilities. In the office, Cyclone BASIC provides viewing and navigating of point clouds and 3D models, as well as measurement and mark up/redlining. Cyclone BASIC is a versatile "back-office" data exchange module, supporting imports and exports of a wide range of formats..

Cyclone-SERVER

Cyclone-SERVER enables individual members of workgroups to simultaneously access 3D point cloud data sets and/or models. This provides a powerful environment for collaborative design on large, complex projects, and can significantly reduce project execution time. Cyclone- SERVER supports the simultaneous connection of one through ten 'client' users to the same data server in a network environment. These clients can be licensees of Cyclone REGISTER, MODEL, SURVEY, VIEWER, or Cyclone CloudWorx for AutoCAD and for MicroStation.

Leica TruView and Cyclone-PUBLISHER

Leica Cyclone-PUBLISHER publishes point cloud data for web-based sharing and viewing allowing access from anywhere in the world. Using the FREE Leica TruView panoramic point cloud viewer, users can view, zoom in, or pan over point clouds naturally and intuitively



senseFly eBee RTK

Survey-Grade Aerial Mapping

The eBee RTK by senseFly is a fully autonomous survey-grade mapping drone (or UAV/UAS). It features a built-in L1/L2 GNSS receiver and is capable of receiving corrections from most leading brands of base station via its supplied eMotion 2 flight control software and ground modem. This ensures the high positional accuracy of the drone's images without the need for Ground Control Points (GCPs).

The eBee RTK is sold as a standalone solution - comprising the drone itself, eMotion 2 flight planning & control software, and Postflight Terra 3D photogrammetry software (powered by Pix4D). No extra base station purchase is necessary and no additional logger or third-party software are required.

3 ways to work with the eBee RTK

1. Real Time Kinematic
- Place your base station on a known position
- Correction data is streamed to the drone via its eMotion flight control software and ground modem

2. Virtual base station
- Configure the drone's eMotion software to receive VRS/Ntrip correction data (internet connection & VRS/Ntrip subscription required)
- Creates a virtual base station location
- Correction data is streamed to the drone via its eMotion flight control software and ground modem

3. Post processing
- Position your base station in a convenient on-site location

senseFly eBee RTK

Survey-Grade Aerial Mapping

• Survey-grade accuracy
Absolute orthomosaic / Digital Elevation Model accuracy of down to 3 cm (1.2 in) without the need for GCPs – for less time spent in the field and high precision even in inaccessible areas.

• Fully integrated workflow
The eBee RTK's flight planning and control software (eMotion 2) connects to the base station and broadcasts correction data to the rover (eBee RTK) - no additional logger or third-party software required. This software can also be used to apply corrections later via post-processing.

• Base station compatible
The eBee RTK is compatible with most leading brands of base station, working seamlessly alongside your existing portfolio of instruments.

•Autonomous
The eBee RTK flies, acquires images and lands itself.

•Lightweight
The eBee RTK weighs just 0.7 kg (1.5 lbs) – minimising its power usage (optimizing its flight time) and ensuring the safety of people and objects on the ground.

senseFly eBee

Professional Aerial Mapping

The eBee takes off, flies and lands autonomously. The artificial intelligence incorporated in the senseFly autopilot continuously analyzes data from the Inertial Measurement Unit and the onboard GPS and takes care of all aspects of the flight mission. If the eBee's sensors detect a critical situation a warning will be emitted through the ground control software. The eBee will automatically initiate a safety procedure, such as returning to its landing point when low battery or strong wind is detected or start climbing if it detects the proximity of the ground The modular design, allows the wings to be disassembled and stored with the central body and all its accessories in a small case. The eBee is light enough to be launched by hand. After its preflight checks just shake it three times to start the engine and it is ready for take-off. It is as simple as that, the eBee does not need any external element to fly.

eBee

- 96cm wingspan
- Less than 0.7kg take-off weight
- Launch by hand - No extra equipment required
- 16MP camera, electronically integrated and controlled
- Lithium polymer battery gives up to 45 minutes of flight time
- 36-57km/h (10-16m/s) cruise speed
- Up to 45km/h (12m/s) wind resistance
- Up to 3km radio link
- Covers up to 1.5-10km2
- Linear or circular landing
- Image resolution of 3-30cm/pixel (depending on flight altitude)

Prices are subject to change without notice.

eMotion 2

Professional Software for Flight Panning and Control

eMotion 2 is senseFly's proprietary state-of-the-art ground control software. It lets you plan, simulate, monitor and control the drone's trajectory both before and during flight. With simple drag&drop actions you can designate the area to be mapped, generate a flight plan. You can update your mission or return the drone to its starting location with a single mouse click. eMotion 2 can be installed on your desktop or notebook computer.

Postflight Terra 3D

Professional Software for Mapping

Postflight Terra 3D-EB is a professional photogrammetry software that runs on your desktop computer or laptop. It processes aerial imagery to 2D maps and 3D models with centimeter accuracy with just a couple of clicks.

It is also the perfect tool if you want to process drone imagery with traditional photogrammetric software, generally not able to process small drone imagery. Postflight Terra 3D-EB will provide you with camera calibration parameters and lists of matching features, enabling rapid processing through most classic photogrammetric software.

senseFly eXom

The inspection and close mapping drone

TripleView sensor head
This fully stabilised unit provides three distinct types of imagery: HD video, thermal video/stills, and high-resolution still images.
HD video/high-res still camera
LED (video lighting)
Thermal camera
Wide-angle video camera (vision sensor)
Ultrasonic transmitter
Ultrasonic receiver
27° field of view

Imagine being able to...

· Inspect & map structures. Up close. In high resolution.

eXom is acutely aware of its surroundings, allowing it to view structures and buildings close up, in high-resolution, with minimal risk of contact damage. This makes eXom particularly suitable for sensitive or dangerous sites, such as cliff faces, flare stacks, bridges and more.

· Boost your efficiency

eXom captures and geotags video, still and thermal imagery simultaneously. You get all the data you need, in the minimum number of flights, without ever having to change cameras. Plus all the software you need is included.

· Focus on work, not on flying

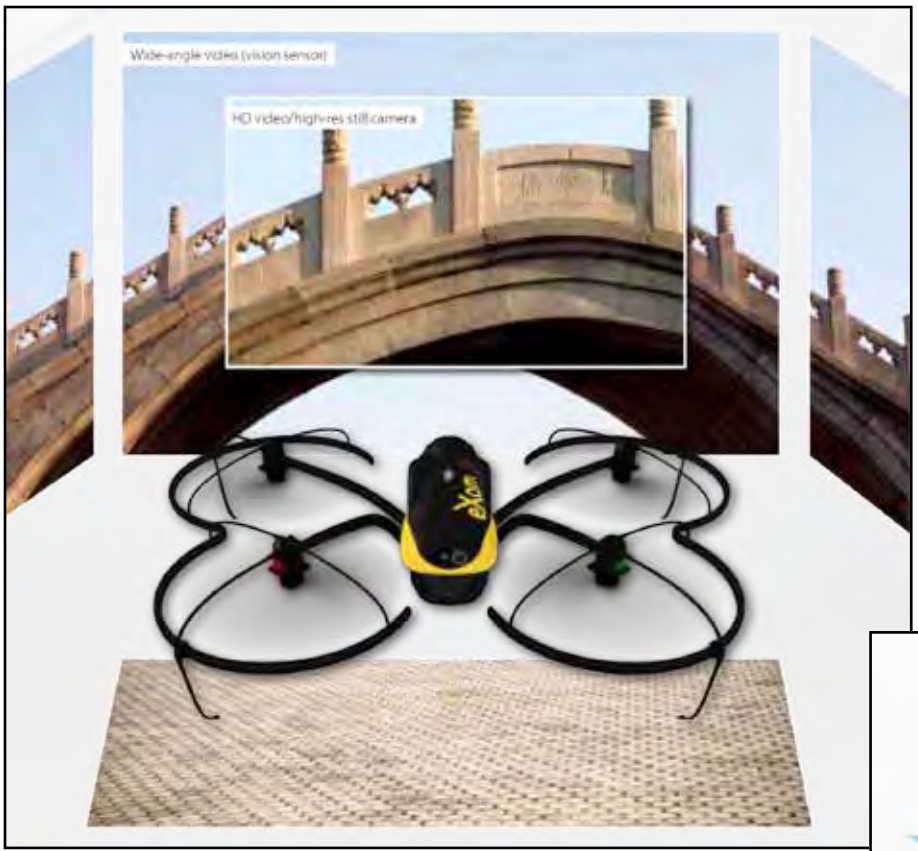
Are you mapping an entire pre-defined site? Fly a fully autonomous, GPS-guided mission. Or do you need to perform a live inspection? Choose interactive mode and click/tap the screen to re-centre eXom's cameras as you work. Or flick between these operating modes as required. No piloting skills necessary.

Prices are subject to change without notice.

senseFly eXom

The inspection and close mapping drone

eXom is designed from the ground up to permit the safe, close inspection of buildings and other vertical structures. Its onboard vision and proximity sensors feed cuttingedge computer vision algorithms. These in turn provide the situational awareness and object avoidance intelligence eXom needs to make every project a success.

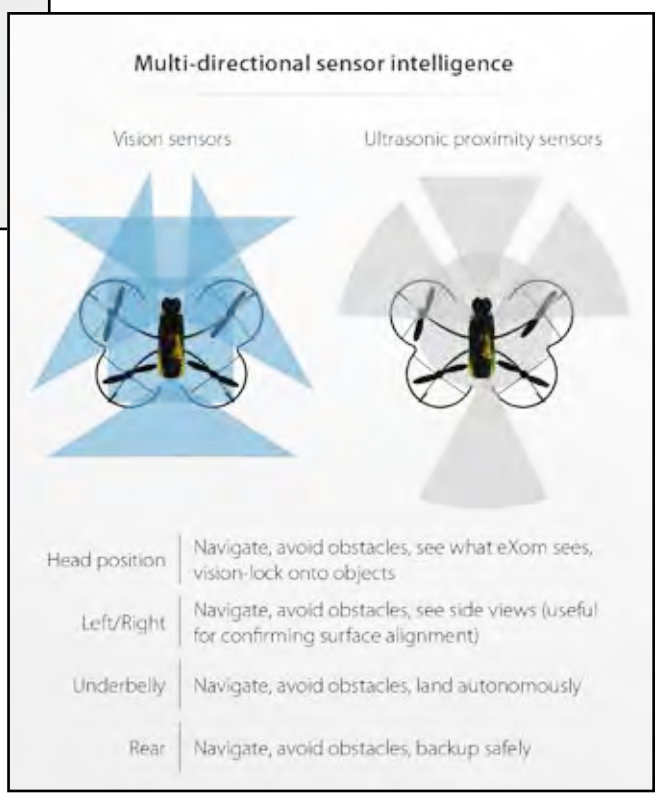


Need to perform a live inspection?

- Take-off in interactive mode (or click into it during an autonomous flight)
- 'See what eXom sees' via its multiple live video feeds
- Click or tap the screen to:
- Centre eXom's cameras on a target
- Vision-lock onto objects
- Capture high-res still images on demand

Already know the specific structure or site you want to map?

- Specify the area or object of interest
- eMotion flight planning software (supplied) creates a full flight plan
- Initiate your flight
- eXom takes off, captures imagery, and lands itself
- Explore the detail captured by eXom's multiple imaging sensors
- View the live video stream during flight
- Imagery stored on eXom's SD card for post-flight analysis
- Use Postflight Terra 3D photogrammetry software (supplied) to create highly accurate 2D orthomosaics & 3D models


Multi-directional sensor intelligence
Vision sensors
Ultrasonic proximity sensors
Head position
Navigate, avoid obstacles, see what eXom sees, vision-lock onto objects
Left/Right
Navigate, avoid obstacles, see side views (useful for confirming surface alignment)
Underbelly
Navigate, avoid obstacles, land autonomously
Rear
Navigate, avoid obstacles, backup safely

Aibotix Aibot X6

Focus on the Job, Not the Flying

The newly developed Aibot X6 V2 enables a complete array of new and improved functions that make the copter easier to control and safer. Moreover the new hard- and software technology offers a broad spectrum of adjustment and expansion possibilities.

Key features

- **Fully automatic take-off and landing**
  Take-off and land by just using one switch.
- **Highly configurable flight-characteristics**
  Customizable behavior to perfectly suit your needs.
- **Training mode / Geo-fence**
  Virtual safety-zone or geo fence and minimal flight-altitude for maximum protection.
  The Aibot X6 cannot leave this zone to prevent damage to people and the environment.
- **Dynamic POI (point of interest)**
  Set POI directly while flying. The Aibot X6 will automatically maintain the alignment towards the POI.
- **Enhanced safety features**
  Different fail-safe modes: lost of RC-signal / low battery voltage.
  Start prevention system (low battery voltage / tilted position recognition).
- **Standardized interface for new sensors like RTK GNSS transmitter**
  New modular design enables the integration of many kinds of sensors.

AIBOTIX
INTELLIGENT AUTONOMOUS VEHICLES

Prices are subject to change without notice.

Aibot Sensors

Countless Applications through Various Sensors

Thermal Imager

The areas of application of thermography range from surveillance and identification to maintenance. Issues in photovoltaic systems can be graphically represented with a thermal imaging camera as well. In the field of building thermography the Aibot can reveal defects in bridges and buildings using a thermal camera to detect energy loss. Thermal cameras can also be used to aid in search and recovery of missing people, victims or wreckage.

Multispectral

The equipment of the Aibots with multispectral cameras increased the scope is an important element. This now means that multi-spectral images of broad areas and motifs can be generated. This is an excellent addition to the detail shots of the digital SLR cameras.

Digital SLR (georeferenced)

With the help of digital SLR cameras we can take high-resolution images and video recordings. You can produce professional SLR images with excellent quality and spectacular detail, which make it ideal for analytical applications of any kind, such as the inspection of bridges or overhead power lines.

Leica Viva –
It does not get more versatile.

Leica Viva – is a new-generation measurement system that combines the latest state-of-the-art technologies into an unrivalled portfolio of total stations, GNSS receivers, system controllers and onboard software. Encompassing innovative, feature-rich functionality with a new, modern and ergonomic design, Leica Viva is easier and more intuitive to use than any of its predecessors, yet it does not compromise on speed and precision.

- when it has to be **right**

Leica Geosystems

Prices are subject to change without notice.

Leica Viva System

Welcome to Leica Viva – A Complete Surveying System

Leica Viva provides a complete range of GNSS and TPS solutions. With the unique SmartStation and the versatile SmartPole, fewer setups are required, fewer control points are needed and your flexibility is maximized.

Leica Viva GNSS & TPS

Leica Viva TPS

Leica Viva GNSS

Leica Viva Controllers & Software

Leica Viva Controller CS10 & CS15

Built for the Field

Leica Viva contains a unique portfolio of wirelessly connected field controllers. With a complete range of easy-to-use software your work can start immediately and be finished faster than ever before.

FEATURES:

- IP67 and -30 to 60°C (-22 to 140°C) operating temperature
- Tactile, rubber keypad (numeric on CS10, alphanumeric QWERTY on CS15)
- 2-megapixel camera
- Color VGA touchscreen, illuminated
- Flexible communication and data handling
- Fully integrated wireless Intenna technology
- Choice of 2 connector modules (Lemo/RS232)
- Integrated 3.5G Modem for:
  - Easy data transfer between office and field
  - Remote tech-support capabilities
  - Receiving RTK data
- Data storage using SD Card, CF Card, USB memory stick

CS10

CS15

Leica SmartWorx Viva

Simply Productive Field Software

Simple to Use

- Clear graphics, logical menu structures and wizards to help with more complex procedures
- Non-technical terminology
- Pick up, turn on and start working

Packed With Features

- Survey and code points, lines and areas
- Stake points, lines and areas, simple and complex alignments, and DTMs
- Easy to configure to your working style

Additional Apps for Specific Survey and Staking Tasks

- For both GPS and TPS instruments
- COGO calculations, volume computations, building facade measuring and much more
- Seismic stakeout
- Road, rail and tunnel staking and checking

Prices are subject to change without notice.

MicroSurvey

MicroSurvey FieldGenius

The Most Powerful Survey Data Collection Software in the World

Total Station and GPS Support

Powerful Road Module

All the staking tools you will ever need

Total Station and GPS Support

MicroSurvey FIELDGenius 2012

What sets FieldGenius apart from the competition?

Code-Free Linework. Linework is created automatically without entering codes and is instantly displayed, eliminating the need for a separate sketch. No need to connect the dots back at the office.

Advanced Display With High-Def Graphics and Intuitive Interface. FieldGenius is laid out with logical icons, customizable toolbars, smart objects and easy-to-use GPS and total station controls.

Works on More Displays Than Ever. High-definition, standard- (or legacy-) definition, widescreen, portrait, tablet-style – you name it.

Productivity Tasks: Customize your data collector by assigning commands to your keypad keys.

Calculating Tools: Access the built-in RPN calculator from any edit field.

Hardware Freedom of Choice. FieldGenius works with many GPS receivers, unlike our competition where proprietary software must be used with the receiver (or vice versa). FieldGenius also works on a multitude of handheld data collectors. We believe you shouldn't have to buy all new equipment just to upgrade one component.

Plus: advanced roading, surfacing, slope staking, smart points, DXF & LandXML import/export, and full robotic and GPS support. FieldGenius is the choice of organizations that value productivity.

Leica Viva NetRover GS08plus

The All-In-One GNSS Network Solution

Leica Viva NetRover integrates the latest technology from Leica Geosystems, the world's leading measurement solutions provider. All the components of Viva NetRover work seamlessly together, creating a lightweight and cable-free network rover.

TURN-ON & MEASURE

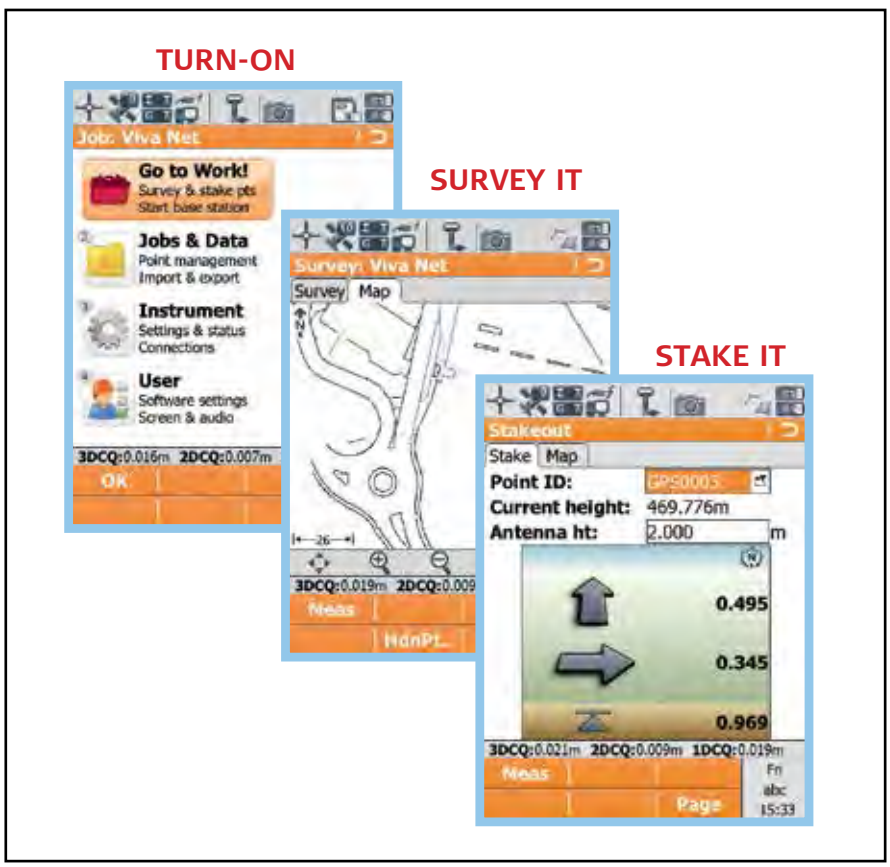
- Viva NetRover is always ready to measure
- Full support of RTCM3.1 message
- Positions are automatically supplied in local coordinates

QUICK TO LEARN

- SmartWorx Viva LT designed with simplicity in mind
- Clear graphics, logical menus

DESIGNED FOR NETWORKS

- Best-in-class performance
- Field controller with built-in 3.5G mobile broadband
- Future proof



Prices are subject to change without notice.

Leica Viva GS10 and GS15 Unlimited

You Can't Find a More Flexible System

PROVEN GNSS TECHNOLOGY

Built on years of knowledge and experience, the Leica GS10 and GS15 deliver the hallmarks of Leica GNSS – reliability and accuracy.

- SmartCheck – RTK data processing to guarantee correct results
- SmartTrack – advanced four-constellation tracking of all GNSS satellites including GPS, GLONASS, Galileo, BeiDou
- SmartLink - bridges communication gaps
- SmartRTK – delivers consistent results in all networks

WORK AS YOU WANT TO

The Leica GS10 and GS15 are designed to suit any surveying task.

- Exchangeable communication devices for field base stations and RTK rovers
- Fully scalable sensor allows you to buy only what you need today and upgrade with additional functionality as you need it
- Integrated web server to configure the logging of Leica or RINEX raw data and measure with one button press in the field
- Leica Viva GNSS Unlimited series utilises all useful GNSS signals today. Both technologies SmartTrack and SmartCheck have been extended to fully support the Chinese BeiDou GNSS.

Leica Viva GS14 Unlimited

Performance on a Budget

The Leica GS14 is the most compact and powerful GNSS receiver. The integrated mobile communications and UHF modem means it is suited for any measuring task. With its convenient, integrated design, the Leica GS14 is easy to use. Together with the leading GNSS RTK the Leica GS14 meets the highest standards for measurement technology.

Integrated RTK devices - The fully integrated communication devices increase ease-of-use whilst maintaining flexibility to choose between UHF and mobile phone technology.

Lightweight -Extra convenience due to compact and lightweight design.

Leica SmartTrack - Leica SmartTrack technology guarantees the most accurate signal tracking. Leica SmartTrack technology is future-proof and ensures compatibility with all GNSS systems today and tomorrow.

All GNSS signals – the Leica Viva GNSS Unlimited series utilises all useful GNSS signals today. Both technologies SmartTrack and SmartCheck have been extended to fully support the Chinese BeiDou GNSS. GPS, Glonass, Galileo and BeiDou together provide maximum performance

Leica NOVA MS50

The new dimension in measuring technology

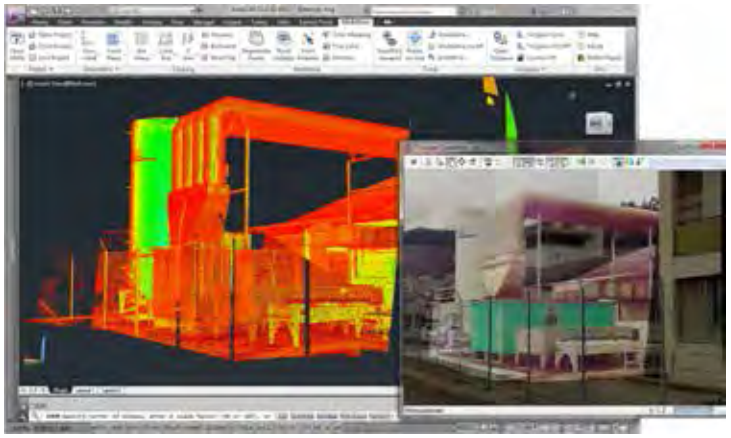
You only get a moment to make the right decision. So ultimate performance and absolute reliability are critical. This requires not only intuition, but also intelligent technology you can rely on. For the first time, the Leica Nova MS50 combines every significant measuring technology in one device and opens the doors to a fascinating new dimension of the geospatial world.

With precise 1" accuracy and 2km reflectorless range, all functions, including precision 3D scanning, extensive and precise total station capabilities, digital imagery and GNSS connectivity are now brought together in the Leica Nova MultiStation. A revolutionary solution with advanced measuring technology that provides unchallenged accuracy and quality, yet is easy to use for an unprecedented range of applications. The capabilities of the Leica Nova Multistation are truly comprehensive and second to none.

INTEGRATED SCANNING OF EVERY DETAIL
The Leica Nova MS50 integrates 3D point cloud measurements into a regular survey workflow. This lets you collect and visualize your topographic survey data together with detailed high-precision scans. Save time by checking your data for integrity and relevance and avoid costly reworking or returns to the field. Benefit from better decisions with richer and more detailed data.

PROVEN TECHNOLOGY FOR UNMATCHED VERSATILITY
The Leica Nova MS50 provides proven total station functionality with superior sensor integration for highest precision, performance and full automation of measurement procedures. Together with the benefits of GNSS connectivity, the Leica Nova MS50 offers complete versatility by delivering reliable results wherever and whenever you need them.

IMAGE ASSISTANCE FOR EVERY SITUATION
The Leica Nova MS50 features an overview camera and a telescope camera with 30x magnification and autofocus. State-of-the art image processing technology delivers live fluid video streaming of highest image quality. The imaging capabilities of the Leica Nova MS50 open up new opportunities of operating the MultiStation in an almost infinite range of applications.



Prices are subject to change without notice.

Leica TS50

True precision, True perfection

The Leica Nova TS50 redefines the meaning of precision with its optimum combination of angle and distance measuring. At the same time, it offers extraordinary acceleration and speed for highest efficiency. True perfection: discover the 0.5" Leica Nova TS50.

-IMAGE ASSISTANCE FOR EVERY SITUATION
The Leica Nova TS50 features an overview camera and a telescope camera with 30x magnification and autofocus. State-of-the art image processing technology delivers live fluid video streaming of highest image quality.

-PROVEN TECHNOLOGY FOR UNMATCHED VERSATILITY
The Leica Nova TS50 provides proven total station functionality with superior sensor integration for highest precision, performance and full automation of measurement procedures. Together with the benefits of GNSS connectivity, the Leica Nova TS50 offers complete versatility by delivering reliable results wherever and whenever you need them.

-Leica Smartworx
The Leica Nova TS50 is equipped with the latest Leica SmartWorx software to provide unparalleled ease-of-use and performance. No matter how complex the application, Leica SmartWorx has functionality to complete every task with ease. With identical operation for TPS and GNSS, changing between Leica TPS and GNSS instruments is smooth and simple.

Leica TS15

Your Vision

Leica Viva TS15 adds an advanced image sensor to the already-proven total station sensors. With unique capture–sketch–link functionality, total station images can be captured, enhanced with sketching and linked to any point of interest. With tap–turn–measure any remote point can be measured without returning to the total station. Every vision on every scale becomes reality with ease.

Best-In-Class Imaging Option
- Image Notes – Capture an image, screenshot or template, sketch on it, and link it to any object in the database
- Image-Assisted Surveying – Simply tap on the display and the total station will turn and measure the desired target

Best-In-Class One-Person Surveying
- Search – the unique PowerSearch finds your prism within seconds
- Lock – Viva TS15 stays locked onto your prism in the most demanding environments
- Measure – PinPoint EDM seamlessly harmonizes with precise angle sensors to complete the measurement process
- Available in 1", 2", 3" and 5" accuracies and up to 1km reflectorless range

Leica Viva GNSS Add-On
- Use SmartStation for TPS setup without the need of control points, traverses and resections
- Use SmartPole to save time with setup "on-the-fly" and measure parallel with TPS and GNSS for double productivity

Leica TS12

Performance on a Budget

Leica Viva TS12 Performance Robotic package sets a new standard. Everything you need is in one package to begin efficient surveying today. Leica Viva TS12 is packed with features, such as the unique PowerSearch sensor, which finds prisms regardless of their location in seconds, and the lightweight Leica CS10 or CS15 controller provides secure wireless connectivity to the total station. Together with the easy-to-use Leica SmartWorx Viva software, robotic surveying has never been so easy and productive.

The TS12 is an amazing value and is available in 2", 3: and 5" models with 400m reflectorless capabilities and the proven Smartworx Classic software on board.

BEST-IN-CLASS SEARCH–LOCK–MEASURE

Leica Viva TS12 uses years of experience to optimally find, lock and measure to prisms with a single key press. With the unique PowerSearch sensor any prism type is found within seconds regardless of location.

Your benefit – the fastest robotic total station in its class.

BEST-IN-CLASS RADIO FIELD CONTROLLER

The CS10 lightweight and CS15 full-keyboard field controllers with fully integrated Intenna technology offer long-range, secure and fast wireless connectivity to your TS12 total station.

Your benefit – ergonomic field solution.

BEST-IN-CLASS SIMPLICITY IN THE FIELD

Survey directly from the instrument or from SmartWorx Viva on the controllers, allowing you the flexibility and power you expect from Leica instruments.

Your benefit – be up to speed in a minimum of time.

BEST-IN-CLASS LEICA ORIGINAL ACCESSORIES

Original Leica Geosystems accessories guarantee seamless operation and maximum performance, as all accessories have been meticulously designed for the instrument.

Your benefit – trusted results today and tomorrow.

Prices are subject to change without notice.

Leica TS11

An Advanced Manual Total Station

Leica Viva TS11, the most advanced manual total station, raises productivity to the next level with the inclusion of advanced imaging functionality and the easy-to-use Leica SmartWorx Viva onboard software. The unique capture–sketch–link functionality enables high-resolution total station images to be captured, enhanced with sketching and then linked to any point of interest. Costly revisits can be avoided to significantly improve productivity. Every vision on every scale becomes reality with ease.

FEATURES:

- Available in 1", 2", 3" and 5" models
- Reflectorless Range up to 1000 meters (3281 feet)
- Full-featured data collector options
- Optional onboard software application
- Optional imaging capability
- Fast, accurate and reliable measurements

Rental Equipment Available

- **Daily, Weekly, Monthly**
- **Data Collectors**
- **Total Stations**
- **Digital Levels**
- **Network Rovers**
- **Base/Rover GPS**
- **Robotic Total Stations**
- **Accessories**

Visit spatialtechnologies.ca to find a location near you!

Leica FlexLine Plus Total Stations

The New Generation of Total Stations

Leica FlexLine TS02plus

Best-In-Class Tech

The Leica FlexLine TS02plus Manual Total Station is ideal for standard measurement tasks. It comes with a simple keyboard and a complete standard set of application software that guides you through your daily work. Bluetooth is an option.

Leica FlexLine TS06plus

Top Precision Meets High Efficiency

The Leica FlexLine TS06plus Manual Total Station is ideal for mid-range applications. The full alpha-numerical keyboard, built-in Bluetooth, USB host and device board offer highest user friendliness.

Leica FlexLine TS09plus

Full Precision at High Performance

A true performance-oriented total station that continually delivers. Designed especially for mid- to high-accuracy applications. By including all FlexLine features – removable USB memory, Bluetooth wireless technology, Emitting Guide Light and a complete range of application software – the TS09plus guarantees maximum performance.

Color Touch Display and Leica FlexField plus Onboard Software
- Fast navigation inside the software via touchscreen, tabs and icons
- High resolution
- Easy-to-understand graphics and icons

Pin Point

Best-In-Class Electronic Distance Measurement (EDM)
- 2 mm + 2 ppm to any surface in 1 second
- 1000m range without a prism
- Coaxial laser pointer and measurement beam

Flexible Data Exchange
- USB stick for easy and fast data transfer (GSI, DXF, ASCII, LandXML, CSV, user-defined)
- Built-in wireless Bluetooth®

mysecurity

Theft Protection by Leica Geosystems – mySecurity
- If your instrument is ever stolen, a locking mechanism disables the device and it can no longer be used

Prices are subject to change without notice.

Leica FlexLine Plus Total Stations

Specifications

	TS02+	TS06+	TS09+
Available Accuracy	2"/3"/5"/7"	1"/2"/3"/5"/7"	1"/2"/3"/5"
Enhanced measurement accuracy to prism	1.5 mm + 2 ppm	1.5 mm + 2 ppm	1.5 mm + 2 ppm
Reflectorless measurement range	No Reflectorless /500 m option	500 m included / 1000 m option	500 m included / 1000 m option
Display with graphics and display illumination	Black & White high resolution	Black & White high resolution	Q-VGA Color & Touch
Full alpha-numerical keyboard with function keys	-	✓	✓
Second Keyboard	o	o	o
Keyboard illumination	-	-	✓
Electronic Guide Light	-	o	✓
USB Type A and mini B	o	✓	✓
Bluetooth® Wireless	o	✓	✓
Onboard software (package content)	FlexField plus (standard)	FlexField plus (advanced)	FlexField plus (full)
Survey with Coding	✓	✓	✓
Stake Out	✓	✓	✓
Station Setup	✓	✓	✓
Resection	✓	✓	✓
Orientation with Angle	✓	✓	✓
Orientation with Coordinates	✓	✓	✓
Height Transfer	✓	✓	✓
Reference Line/-Grid /-Segment	✓	✓	✓
Tie Distance	✓	✓	✓
3D Area & DTM Volume	✓	✓	✓
Remote Height	✓	✓	✓
Offset (Standard & Cylindrical)	✓	✓	✓
Backsight Check	✓	✓	✓
Hidden Point	✓	✓	✓
COGO Calculations	o	✓	✓
Road 2D	o	✓	✓
Reference Arc	o	✓	✓
Reference Plane	o	✓	✓
Road 3D	-	o	✓
Traverse	-	o	✓
Mining	o	o	o

Leica Geo Office

One Integrated Office Software

One Office Software for All Your Instruments
- GNSS instrument support
- TPS instrument support
- Level instrument support

Best-In-Class Processing Options
- GNSS data processing using SmartCheck techniques
- TPS processing – from simple station updates to complex traverses
- Level processing
- Combined network adjustments
- COGO calculations, datum transformations and volume calculations

All Components Integrated in One Software
- Use GNSS processing to automatically update SmartStation setups
- Combine GNSS and terrestrial data with an integrated Least Squares Adjustment
- Benefit from volume calculations being instantly updated whenever coordinates change

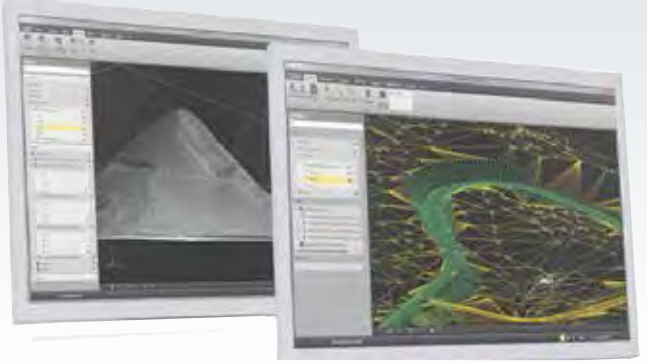
Leica Infinity

TPS, GPS, Scans and More.

New perspectives for your project
Discover a new dimension in survey office software. Leica Infinity not only allows you to process complex structures with absolute precision, it is above all your key to simple access to the worlds of 3D data processing. The clearly laid-out user interface and intuitive handling of its 3D map view means that three-dimensional data sets recorded in the field - and even multiple scans - can now be displayed on your desktop, edited more rapidly than ever before and integrated with other survey results - for faster decisions in projects.

Nothing beats another check
Leica Infinity is designed to provide you with instant access to all aggregated raw data at all times and lets you combine and cross-check them against processed or archived data and survey results with only a couple of clicks. Your survey crews in the field are kept on the ball by data transfer when it comes to expanding or reducing the survey schedule, response times and decisions are made faster and bring new levels of project-efficiency.

Report and archive your results
No matter how complex your survey is, it is important to be aware for the state of the project. Leica Infinity offers you all the tools to document and report on individual steps and final results, no matter for how long your project lasts. All your data, processed results and deliverables are contained in your project and are accessible whenever you need.



Prices are subject to change without notice.

Leica Exchange

Transfer Your Data - Fast & Safe

Transfer objects easily between the field and the office with Leica Exchange. The yearly Leica Exchange Service allows an unlimited number of exchanges to an unlimited number of users.

Your Benefits:
- Easy to Use
- Instant notifications
- No limits to worry about
- Field and office solution
- Integrated into the measurement process
- No interruptions in your work - downloads in background

Leica Active Assist

Expert Help Always by your Side

Imagine being in the field and coming across a problem that prevents you from finishing the job. You call your local support engineer, but have trouble explaining your exact problem. By simply pressing a button in Leica SmartWorx Viva, you can activate Leica Active Assist, and your local support engineer can securely access your device and see exactly what you see. By pressing the buttons for you, your support engineer can guide you back to full productivity within minutes

You can continue with confidence to complete the survey, and know if the problem ever arises again, you can solve it yourself after being guided step-by-step through a solution.

Your Benefits:
- Easy-to-use
- Help is always by your side
- Improve productivity
- Available with all Leica SmartWorx Viva hardware

Requires:
- One-time license fee
- Valid CCP maintenance contract

Leica GIS/Mapping Series

Easy-to-Use Mobile Solutions

Leica Zeno/Uno

Easy-to-Use Mobile GIS

The Leica GS05/06 GNSS top caps allow any user to convert the high performance CS10 and CS15 data collectors into the ultimate mapping tool. The high quality 14 channel L1 GPS/SBAS receiver (with optional GLONASS) allow DGPS accuracy of <0.4m. The optional docking station ensures quick, direct and easy access to the data you have measured in the field.

Software Options to Suit your Needs

These unit have the option to run either the proven Smartworx software (For more information - please see Page 18) or Zeno field software allowing you to have the right software for your GIS/mapping needs. Zeno field is based an OEM version of ArcPad 10 with added functionality of GNSS raw data logging, easy handling of GNSS configurations (such as DGPS settings) and accuracy management.

Leica Optim

Flexible Solutions for Asset Management

Optim Server
Optim Server is our web-based deployment for integration of GIS and mobile solutions for field asset management. Mobile data collection solutions and project data can be downloaded to mobile devices, and can be uploaded, with just one click. Installation is automated and all projects can be monitored from one central configuration control panel. The system is integrated with Esri ArcGIS for Server. We offer two types of server solutions, which can be scaled based on cost and security needs.

Optim Mobile
Optim Mobile is the highest productivity, rapid deployment mobile platform for managing your real world assets, featuring ready-to-configure templates, documentation, and tools that seamlessly integrate with Esri ArcGIS. QuickCollect is easy to configure and cost effective for any sized project.

QuickCollect
QuickCollect is a comprehensive application for GIS, mobile and post-processing GPS data that delivers significant time savings for user efficiency and adoption. It fully supports Esri geodatabases, seamlessly integrates into the GIS environment and enables one-click transfer of collected data without ever leaving the Esri ArcGIS for Desktop environment. QuickCollect delivers significant improvements in efficiency from the office to the field.

Optim Studio
Build and configure easy-to-use, scalable mobile solutions for the field easily and quickly without any development skills. It is an easy-to-use, powerful suite of configuring data forms, showing how data is both collected and returned to the database.

Prices are subject to change without notice.

Navcom Land-Pak

Rugged & Reliable Survey Solutions

The LAND-PAK system includes full GNSS support, field, office & GNSS post processing software, all hardware & accessories, backed by Spatial's service and support and comes with an industry leading three year manufacturer's warranty.

LAND-PAK also includes a lifetime license for our StarFire global satellite-based augmentation system providing sub-decimeter horizontal accuracy worldwide and the freedom and flexibility that a DGPS solution offers. Ultra RTK provides RTK-level accuracy up to 40km away from a base station while NavCom's patented RTK Extend allows for continuous RTK positioning during radio outages.

- **Integrated UHF and GSM support**
- **Bluetooth® Cable free, all-on-the pole design**
- **Multi-constellation support (GPS, GLONASS)**
- **Ultra RTK (up to 40K baseline)**
- **Network RTK with support for multiple message formats**
- **Built-in StarFire™ receiver with lifetime license**
- **StarFire™ 5cm standalone accuracy (worldwide)**
- **RTK Extend™ - Coast through base station outages**
- **Dual hot swappable batteries for continuous operation**
- **SF-3040 GNSS receiver operates as a base or rover**
- **Water proof and shock resistant**
- **3 year warranty**

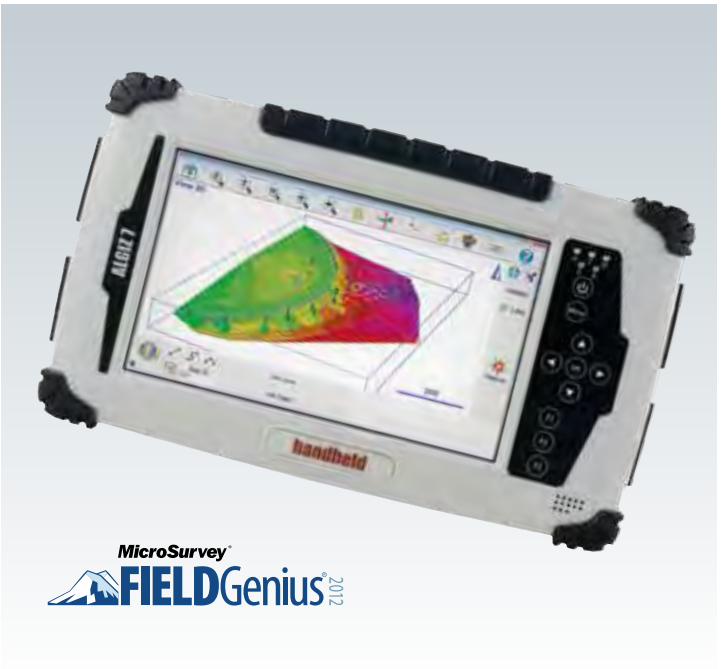
POSITIONED BY STARFIRE

MicroSurvey ALGIZ 7

Top Performance Starts With Great Power.

The Algiz 7 features an impressive Intel Atom 1.6 GHz processor, with a massive 64 GB SSD and 2 GB of DDR2 RAM. It runs the state-of-the-art Windows 7 Ultimate operating system, the most powerful tool available for the field user. Meaning you'll be able to work in all the top PC applications, in the office and out in the field.

With 10 easy-to-use function buttons and an on-screen QWERTY soft keyboard, you can use the Algiz 7 efficiently in the office. But its heart is outdoors, where its versatility and built-in ruggedness make it stand out. It meets stringent MIL-STD-810G military standards for withstanding humidity, vibration, drops and extreme temperatures, and it keeps dust and water out as well. So use it in any kind of weather, let it rattle on the dashboard, rinse it off after a dirty day – the Algiz 7 is built for hard work.



Juniper Systems Archer 2

Wherever the Job Takes You

The Archer 2 incorporates all the best things about the Archer and adds to them. Featuring a new IllumiView™ high-visibility display, the Archer 2 remains extraordinarily bright under even the most glaring sunlight. You'll love the responsiveness of its large, glove-friendly capacitive touchscreen and numeric keypad, allowing you to input data at unprecedented speeds. And for those work days that just seem to go on and on, you can trust that the Archer 2's custom Overtime Technology™ battery will get you through, no problem. Add to this the signature ruggedness that Juniper Systems is known for, and you have one mean data-collecting machine that you can rely on, wherever your job takes you.

Prices are subject to change without notice.

MicroSurvey STAR*NET

Survey Network Adjustment Program

MicroSurvey STAR*NET is an easy-to-use application that adjusts 1D/2D/3D survey networks. Collect your measurements & GPS vectors more efficiently & build confidence by ensuring your field data is both accurate & correct.

FEATURES:

- The easiest Least Squares Adjustment
- Integrates data easily
- Results are clear and reliable

MicroSurvey

MicroSurvey CAD 2014

MicroSurvey

The Complete Desktop Survey & Design Software Solution

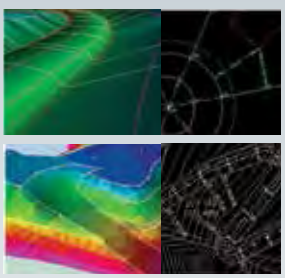
MicroSurvey CAD is a complete desktop survey and design program created for surveyors, contractors and engineers. MicroSurvey CAD is compatible with field data from all major total stations and data collectors and is fully compatible with AutoCAD.

FEATURES:

- Data extraction from point clouds
- Enhanced point cloud visualization and manipulation
- Integrated survey, design & CAD

MicroSurvey embedded CAD 2013

MicroSurvey



Powered by Autodesk Technology™

MicroSurvey embedded CAD, powered by Autodesk Technology™, is 100% compatible with AutoCAD® DWG® files. It's a full-featured standalone surveying powerhouse using an industry-leading
CAD engine.

FEATURES:

- 100% AutoCAD and 100% DWG compatibility
- Integrated survey, design & CAD, and much more

Satelline EASy Pro

Dependable Data Transfer

SATELLINE-EASy Pro is an IP67 (NEMA 6) classified UHF radio modem with a high power (up to 35 W) transmitter and wide 70MHz tuning range. It was designed for easy mobile use in demanding field conditions. According to the IP67 standard, the casing and connectors of the SATELLINE-EASy Pro are waterproof and secured against dust.

In addition to the high output power and wide tuning range, the channel spacing is also selectable to be 12.5, 20 or 25 kHz. The SATELLINE-EASy Pro is equipped with a Liquid Crystal Display (LCD) and a keypad, used to indicate the current operating status (frequency, channel number, power level, voltage level, field strength), as well as for changing the operating channel and power level of the radio modem.

Item	Description	Price
789636	Satel EASy Pro 35W Base Radio	$2730.00

Prices are subject to change without notice.

Pacific Crest ADL Vantage Pro

Advanced Data Link for the Field

ADL Vantage Pro is an advanced, high speed, wireless data link built to survive the rigors of GNSS/RTK surveying and precise positioning. This sophisticated 35 Watt radio utilizes Pacific Crest's latest generation Advanced Data Link (ADL) technology while remaining backward compatible with existing Pacific Crest, and other radios. ADL Vantage Pro's full-function user interface streamlines field configuration and troubleshooting so you can maintain maximum productivity. Its 35 Watts of power and advanced radio protocols offer the maximum range and throughput. For the most rugged and reliable digital data link, go with the geomatics industry's new standard in high-power wireless communications – ADL Vantage Pro.

PACIFIC CREST

Spatial Technologies is now an Authorized Pacific Crest Repair Center

Item	Description	Price
75450-43	Pacific Crest Vantage Pro 35W Radio	$2855.00

Pacific Crest ADL Vantage

Compact and Easy to Use

ADL Vantage is an advanced, high speed, wireless data link built to survive the rigors of GNSS/RTK surveying and precise positioning. This sophisticated 0.1-4.0 Watt radio modem utilizes Pacific Crest's next generation Advanced Data Link (ADL) technology while remaining backward compatible with existing Pacific Crest, Trimble and other products. ADL Vantage's full-function user interface streamlines field configuration and troubleshooting so you can maintain maximum productivity. For the most rugged and reliable digital data link, go with the Geomatics industry's new standard in lightweight wireless communications – ADL Vantage

PACIFIC CREST

Item	Description	Price
K01111	Pacific Crest Vantage 4W Radio	$2145.00

Pleiades Data Corporation

Western Canadian Coverage

Pleiades Data Corporation provides subscription-based GNSS Network RTK corrections throughout Western Canada. Pleiades provides high-precision, high-availability Network RTK corrections for any application, using any constellation, and is available to everyone.

Quality
- Same accuracy as a local base station
- High-speed initialization for RTK solutions
- Redundancy – multiple reference stations, not just one

Productivity
- Perform cm-accuracy RTK surveys with one rover
- Eliminates daily base station setup and potential errors
- Reduces dependency on ground control monuments
- Far exceeds range of conventional RTK systems
- Convert your existing base station into a productive rover

Cost
- Half the capital investment – no base station!
- Eliminates paying an employee to guard base station against theft
- Reduces insurance costs – less risk
- Subscribers can easily work in various locations
- Provincial-, regional- and national-level subscriptions available

PLEIADES DATA CORP

www.pleiadesdata.com

Prices are subject to change without notice.

Leica Geosystems intelligent CONstruction Enhancing Your Performance

Fully understanding construction needs has carried us beyond the ordinary. Leica iCON is more than a new product line and a software package – it enables you to enhance your performance and increase your profitability through perfecting your construction workflow.

iCONstruct

Tailor-made hardware and software solutions for positioning and measuring tasks on site.

- Custom-built
- Straightforward
- Extendable
- Interchangeable

iCONtrol

Providing you with perfect communication between construction personnel on site and our comprehensive portfolio of machine control solutions.

- Suitable for small to large sites
- Reliable and seamless sensor communication
- Streamlined workflow & data handling

iCON intelligent CONstruction

iCONsult

An extensive support network, with clear guidance on intelligent CONstruction benefits to grow your business.

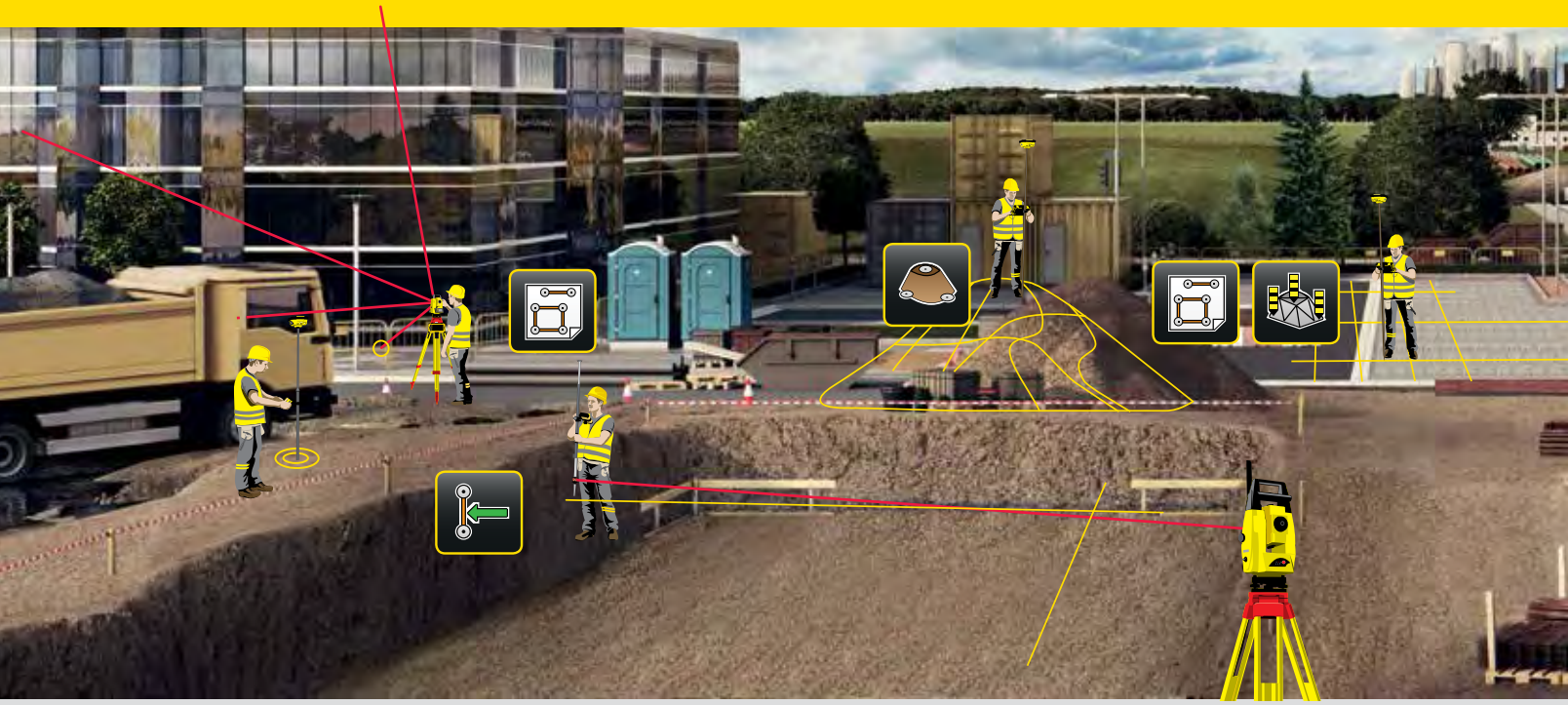
- Worldwide network
- Personal service
- Professional consultancy

iCONnect

Connect your system to a superior network. Wireless data transfer, easy, fast and secure.

- Instant guidance and checks
- Realtime data guarantees accurate jobs
- High productivity
- No delays

Designed for the Building Site – One Layout Software



Sketching

Applications

Point Pilot for fast and intuitive input of plan dimensions

Benefits

Easily replicate digital blueprints

As-Built

Applications

Measure points, lines or arcs in one step with immediate graphical representation

Benefits

Reduce site visits by visually verifying the measurements in the field

Cut & Fill

Applications

Check actual surface against design elevation

Benefits

Optimize material savings (e.g., asphalt) by checking subground elevation and tolerances

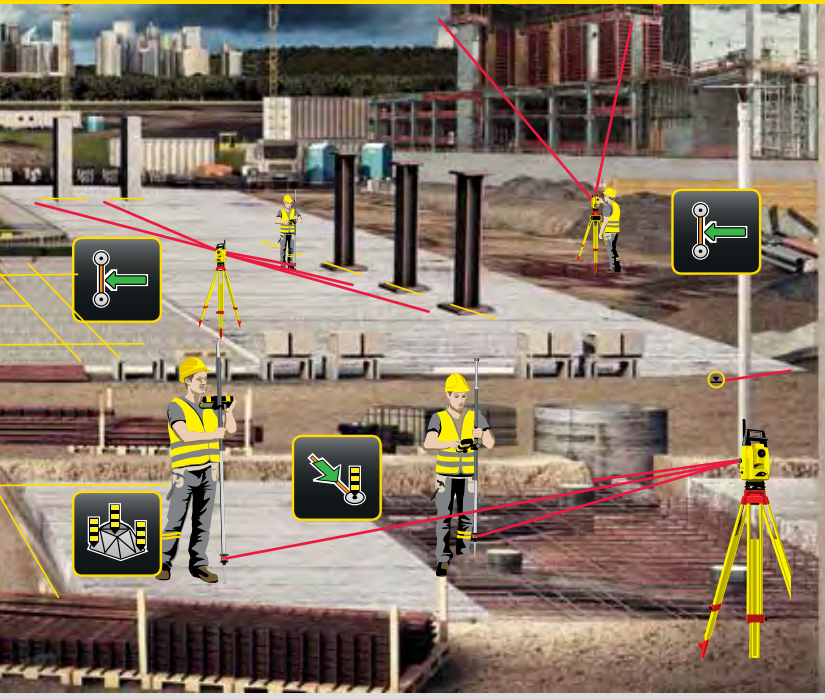
Leica iCON CC60/61
Rugged, mobile tablet PC with enhanced connectivity and functionality.

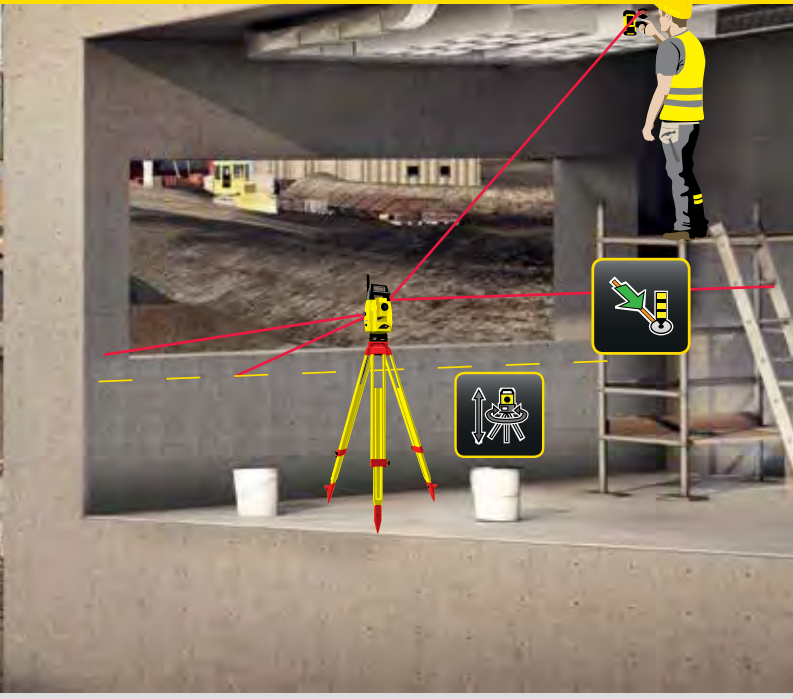
Leica iCON CC50
Lightweight, handy PDA for easy and efficient field work.

Leica iCON gps 60
Versatile SmartAntenna for multipurpose positioning tasks.

Leica Builder
Intuitive, powerful and scalable series of total stations for routine construction tasks on site.

for GPS & Total Stations – Easy to Learn, Easy to Use!





Volumes

Applications

Calculate volume of a stockpile or pit, compare between surfaces or to the elevation

Benefits

Accurate and flexible volume calculations, independent of size or shape

Layout Points

Applications

Simply select sketched or imported points directly from the map

Benefits

Choose points directly from the map, no need to enter point numbers or scroll through lists

Height Transfer

Applications

Transfer height to any location on site

Benefits

Mark and check elevations within one application

Leica iCON robot 50
One-person operation, increases productivity when carrying out layout tasks and as-built checks.

Customize and extend your iCONstruct toolbox.

iCON build is part of the unique iCONstruct toolbox, providing you with one solution for all your construction tasks across the entire job site. iCONstruct offers you the possibility to extend and customize applications according to your needs.

iCON Instruments

The iCONstruct product portfolio enables you to select your individual solution. Invest in the solution you need today and have the flexibility to expand your product portfolio based on your future needs tomorrow.

Leica Builder
Intuitive, powerful and scalable series for routine construction tasks on site.

Leica iCON robot 50
One-person operation, saving time and increasing productivity when carrying out layout tasks and as-built checks.

Leica iCON CC60/61
Rugged, mobile tablet PC with enhanced connectivity and functionality.

Leica iCONstruct field software
Core central interface to all iCONstruct sensors and devices with unmatched simplicity but no compromises on functionality.

Leica iCON gps 60
Versatile Smart Antenna for multi-purpose positioning tasks.

Leica iCON CC50
Lightweight, handy PDA for easy and efficient field work.

Leica iCONstruct office software
Data preparation and verification of simple and complex project plans.

Call us at 877.252.0070 to schedule your on-site demonstration today!

Prices are subject to change without notice.

Construction Total Stations

Leica Builder Series

Because Leica Understands the Way Builders Build

The Builder Series is designed to meet the requirements of construction experts for your daily work on site.

FEATURES:

- IP55 rating to withstand dust, water, and other construction site environmental conditions
- Two operation modes: standalone via onboard powersite software to collect, store and download data, or external data collector
- Multilingual function
- Theft protection

Builder Specifications	Leica Builder 100	Leica Builder 200	Leica Builder 300	Leica Builder 400	Leica Builder 500
Full-Power Site Software					✓
Wireless Communication					✓
Prism Measurement Mode				✓	✓
Full Alphanumeric Keyboard				✓	✓
Volumes Calculation			✓	✓	✓
Data Import/Export to USB Stick			✓	✓	✓
PC/Handheld Interface		✓	✓	✓	✓
Laser Distance Measure		✓	✓	✓	✓
Control Line Setup		✓	✓	✓	✓
3 Languages	✓	✓	✓	✓	✓
Leveling Aid	✓	✓	✓	✓	✓
Dual-Axis Compensator	✓	✓	✓	✓	✓
Laser Plummet	✓	✓	✓	✓	✓
Li-Ion Batteries	✓	✓	✓	✓	✓
Internal Memory (Points)	-	-	15'000	50'000	50'000
Angular Accuracy	9", 6"	9", 6"	9", 6"	9", 5"	9", 5", 3"
Distance Without Reflector (90% Reflective)	-	80 m	120 m	15 m	250 m
Distance to Reflective Tape (60mm x 60mm)	-	250 m	250 m	15 m	250 m
Distance to Glass Prism	-	-	-	500 (3500) m	500 (3500) m

Construction Lasers

Leica Rugby 600 Series

Your reliable partner on site

Rugby 610

One Button Simplicity

- Simple and reliable, one button laser where no mistakes are possible
- Superb performance with all Leica Rod Eye receivers – extend your working range using the Rod Eye 140 Classic and the Rod Eye 160 Digital
- Package includes laser, detector, bracket and carrying case

Item	Description	Price
6008612	Rugby 610 RE Basic Alkaline Package	$ 830.00
6008610	Rugby 610 RE Basic Rechargeable Pkg	$ 1030.00

Rugby 620

Simple and Reliable

- Concrete forming, pad placement and framework levelling; setting foundations and footings has never been more efficient
- Slope matching up to 8% in a single axis
- Package includes laser, detector, bracket and carrying case

Item	Description	Price
6008618	Rugby 620 RE Basic Alkaline Package	$ 1070.00
6005984	Rugby 620 RE140 Rechargeable Pkg	$ 1410.00

Other Laser Packages Available - Ask for Details!

Rugby 640

Versatility Inside and Outside

- Fit for any interior and exterior levelling, aligning and squaring application
- Scan 90 – make layout easier by quickly moving the beam to the left or right side
- Plumb Down – automatic and accurate plum down direction for alignment over a reference point
- Package includes laser,detector, bracket and carrying case

Item	Description	Price
6008620	Rugby 640 RE Basic Alkaline Package	$ 1420.00
6005988	Rugby 640 RE140 Rechargable Pkg.	$ 1760.00

Rugby 670/680

Slopes Done Easy

- A great general construction laser with digital grade capability
- Dial-in grade in single or dual axis, easy and fast at the touch of a button
- The unique Smart Slope function continuously monitors time and temperature changes to ensure accurate performance over the course of the day
- Package includes laser, detector, bracket and carrying case

Item	Description	Price
6008622	Rugby 670 RE Basic Alkaline Package	$ 1540.00
6008624	Rugby 680 RE Basic Rechargable Pkg	$ 1780.00

Prices are subject to change without notice.

Leica Rugby 600 Series

Your reliable partner on site

Fit, fast, tough – Select the perfect team player for your site

Leica Rugby lasers are the toughest rotating lasers suitable for all construction applications with IP67 environmental protection. Level, align and square much quicker than ever before, eliminating costly errors and downtime.

Feature	Rugby 610	Rugby 620	Rugby 640	Rugby 670	Rugby 680
90° Plumb beam			✓		
Vertical operation			✓		
RF remote control			✓		
Manual slope in single axis		✓	✓		
Manual slope in dual axis			✓		
Single grade to ± 8%				✓	✓
Dual grade to ± 8%					✓
Beam masking			✓		
Beam Down			✓		
Sleep Mode			✓		
Bright, visible beam	✓	✓	✓	✓	✓
Large, intuitive, graphic display				✓	✓
Operating Range (Diameter) RE-Basic	500m	600m	500m	600m	600m
Operating Range (Diameter) RE140/16	600m	800m	600m	800m	800m
Self-Leveling Accuracy	+/- 2.2mm per 30m	+/- 1.5mm per 30m			
Rotating Speeds	10 RPS	10 RPS	0, 2, 5, 10 RPS	10 RPS	10 RPS
Operating Temperature	-10° to +50° C	-20° to +50° C			
Battery Life (based at 20° C)	Up to 60 hours with alkaline/up to 40 hours with rechargeable				

Construction Lasers

Leica Rugby 800 Series

The toughest construction lasers on site

Rugby 810

Levelling Made Easy

- Rugged, reliable, accurate
- Always automatic – always self-leveling
- Out-of-level indication
- General construction laser
- 800m Range (Diameter)
- Package includes laser, detector, bracket and carrying case

Item	Description	Price
807270	Rugby 810 RE140 Alkaline Package	$ 1420.00
807269	Rugby 810 RE140 Rechargeable Pkg	$ 1660.00

Rugby 820

Tough as Concrete

- Self-levelling Horizontal and manual slope up to 10% in single or dual-axis
- Automatic slope in signal or dual-axis with RE180 RF Receiver
- 800m Range (Diameter)
- Package includes laser, detector, bracket and carrying case

Item	Description	Price
808476	Rugby 820 RE140 Alkaline Package	$ 1660.00
805735	Rugby 820 RE180 Rechargeable Pkg	$ 2050.00

Other Laser Packages Available - Ask for Details!

Rugby 830

The Long Range Solution

- Self-leveling Horizontal and manual slope up to 10% in single or dual-axis
- 1350m Range (Diameter)
- Package includes laser, detector, bracket and carrying case

Item	Description	Price
790393	Rugby 830 RE160 Alkaline Package	$ 2150.00
790390	Rugby 830 RE160 Rechargable Pkg.	$ 2390.00

Rugby 840

The Laser that Tackles it All

- Self-levelling Horizontal, Vertical, 90' and manual slope up to 10% in single or dual-axis
- Automatic slope in single or dual-axis with RE180 RF Receiver
- 800m Range (Diameter)
- Package includes laser, remote, detector, bracket and carrying case

Item	Description	Price
790397	Rugby 840 RE180 Alkaline Package	$ 2350.00
790396	Rugby 840 RE180 Rechargable Pkg	$ 2590.00

Prices are subject to change without notice.

Leica Rugby 800 Series

The toughest construction lasers on site

The Leica Rugby 800 Series is the toughest laser in the market today and has the highest environmental standard for water and dust protection (IP68), meaning that it never breaks or has any down-time. Errors and rework are eliminated with the continuous monitoring of the laser plane. Intelligent accessory options, such as the unique solar power concept enable you to charge the batteries anywhere, anytime. The included PROTECT by Leica Geosystems warranty ensures that customers always have a durable and high-quality product through its entire lifetime. The Rugby 800 series gives customers peace of mind and will increase their productivity and efficiency on site.

Feature	Rugby 810	Rugby 820	Rugby 830	Rugby 840
90° Plumb beam				✓
Vertical operation				✓
RF remote control				✓
Smart Targeting Functionality		✓		✓
Smart Lock Functionality		✓		✓
Maximum Temperature Stability			✓	
Simple One-Button Control	✓			
Manual Slope up to 10% in dual axis		✓	✓	✓
Bright, visible beam	✓	✓	✓	✓
Operating Range (Diameter)	800m	800m	1350m	700m
Self-Leveling Accuracy	+/- 1.5mm per 30m			
Rotating Speeds	10 RPS			0, 2, 5, 10 RPS
Operating Temperature	-20° to +50° C	-20° to +50° C	-20° to +60° C	-20° to +50° C
Battery Life (based at 20° C)	Up to 60 hours with alkaline/up to 45 hours with rechargeable			

Construction Lasers

Leica Rugby 200 Series

Keeps you Working

Mid-Range Grade Lasers

- Provide features and functionalities for any application from simple "flatwork" to complex dual grades and vertical control
- The Rugby 260SG is a rugged single-grade laser
- The Rugby 270SG is a fully automatic, single-grade laser for general construction
- The Rugby 280DG includes horizontal, vertical and dual grade capability for exterior or interior use
- All packages include laser, detector, bracket and carrying case

Item	Description	Price
6003540	260SG Single-Grade Alkaline Package	$ 2120.00
6003543	270SG Single-Grade Rech. Package	$ 2730.00
6003551	280DG Dual-Grade Rech. Package	$ 3560.00

Other Laser Packages Available - Ask for Details!

Feature	Rugby 260 SG	Rugby 270 SG	Rugby 280 DG
90° Plumb beam			✓
Vertical operation			✓
RF remote control			✓
Dual grade to ± 15%			✓
Single grade to ± 15%		✓	✓
Fully automated grade control		✓	✓
Single grade to ± 10% (semi-automatic)	✓	✓	✓
Beam masking	✓	✓	✓
Bright, visible beam	✓	✓	✓
Large, intuitive, graphic display	✓	✓	✓
Simple, five-button operation	✓	✓	✓
Operating Range (Diameter)	600m	700m	700m
Self-Leveling Accuracy	+/- 1.5mm per 30m		
Rotating Speeds	10 RPS	5, 10 RPS	0, 2, 5, 10 RPS
Operating Temperature	-20° to +50° C		
Battery Life (based at 20° C)	Up to 70 hours with alkaline/up to 40 hours with rechargeable		

Prices are subject to change without notice.

Leica Rugby 300/400 Series

The Toughest Players on Big Fields

Precision Grade Lasers

- Building pads, parking lots and runways
- Precise depth control for sub-base and fine-grade excavation
- Agricultural usage such as land leveling or tiling
- Step slope applications
- All packages include laser, detector, bracket & carrying case

Item	Description	Price
6003518	320SG Single-Grade Alkaline Package	$ 3700.00
6003524	410DG Dual-Grade Alkaline Package	$ 4890.00
6003532	420DG Dual-Grade Alkaline Package w/Remote	$ 6320.00

Other Laser Packages Available - Ask for Details!

Rugby Series Features by Model	Leica Rugby 320 SG	Leica Rugby 410 DG	Leica Rugby 420 DG
Simple to use 5-Button Key-Pad	✓	✓	✓
Real-Time Grade Matching	✓	✓	✓
Superior Dual Battery Concept	✓	✓	✓
Scope Mount in Both Axes	✓	✓	✓
Laser Beam Visible (Red)	✓		✓
Laser Beam Invisible (IR)		✓	
Grade Capability X (or Y)-Axis -5 to +25 %	✓	✓	✓
Grade Capability in Both Axes -5 to +15 %		✓	✓
Long Range Remote Control		✓	✓
Axis Alignment		✓	✓
Laser Plane Stabilization			✓
Enhanced Operating Range			✓
Operating Range (Diameter)	900m	800m	1100m
Self -Leveling Accuracy	+/- 1.6mm per 30m		
Rotating Speeds	5, 10, 15, 20 RPS		
Operating Temperature	-20° to +50° C		
Battery Life (based at 20° C)	Up to 130 hours with alkaline/up to 100 hours with rechargeable		

Interior Lasers

Leica Roteo Lasers

Versatile Rotating Lasers

Roteo 35WMR

The Leica Roteo 35 rotating laser impresses everyone with its powerful features and complete set of accessories for every application, especially for interior works. The wall mount bracket allows convenient motorized control of the laser beam height by the combined remote control/detector or by manual adjustment.

Item	Description	Price
765752	Roteo 35 Laser Pkg. w/ Case	$ 1070.00

Roteo 35G

The Leica Roteo 35G rotating laser has all the characteristics of the Leica Roteo 35. In addition, it has a green laser beam for better visibility in very bright conditions and over very long distances.

Item	Description	Price
798056	Roteo 35 Green Laser Pkg. w/ Case	$ 1420.00

Roteo 20HV

The Leica Roteo 20HV is the ideal rotating laser for basic users. Its easy-to-understand keypad is intuitive to operate. The package includes a complete set of accessories for interior works with remote control, wall mount bracket and target plate.

Item	Description	Price
772789	Roteo 20HV Laser Pkg. w/ Case	$ 830.00

Prices are subject to change without notice..

Leica Piper

Powerful and Compact

The Leica Piper Series pipe lasers are perfect for: storm and sanitary sewer construction, gravity flow pipe lining and anywhere grade and line are required with a single beam. Choose from the Piper 100 or the Piper 200 with Alignmaster.

Smallest pipe laser on the market!
FITS IN A 4" PIPE

Item	Description	Price
748704	Piper 100 Laser Package	$ 5390.00
748710	Piper 200 Laser Package	$ 5860.00
748900	Piper Accessories Kit	$ 390.00
746158	Trivet Assembly	$ 470.00
745139	Trivet Handle Assembly	$ 70.00

Laser Batteries

Item	Description	Price
762773	NiCad Battery for Roteo	$ 70.00
752049	NiCad Battery For Rugby 50/55	$ 90.00
752048	Alkaline Battery Holder for Rugby 50/55	$ 20.00
726746	NiCad Battery For Rugby 100/200	$ 180.00
726747	Alkaline Battery Holder for Rugby 100/200	$ 60.00
790416	Li-Ion Battery (7.2 Ah) For Rugby 600/800	$ 300.00
790415	Li-Ion Battery (4.8 Ah) For Rugby 600/800	$ 200.00
790419	Alkaline Battery Holder for Rugby 600/800	$ 50.00
739855	NiCad Battery For Rugby 300/400	$ 110.00

Laser Chargers

Item	Description	Price
762774	Charger for Roteo Series	$ 70.00
727165	Charger for Rugby 50/55/100/200	$ 70.00
790417	Charger for Rugby 600/800	$ 50.00
807479	Solar Panel Kit for Rugby 600/800	$ 350.00
741349	Charger for Rugby 300/400	$ 110.00

Laser Receivers

Rod-Eye Receivers

Rod-Eye 180

FEATURES:

- Integrated radio remote
- Digital readout
- Half millimeter accuracy
- Strobe rejection
- LCD indication – 2 large graphic displays
- Displays cut/fill in selectable units

Item	Description	Price
789926	Rod-Eye 180 Digital w/Bracket	$ 510.00
789927	Bracket Only	$ 50.00

Rod-Eye 160

FEATURES:

- Digital readout
- Half millimeter accuracy
- Strobe rejection
- LCD indication – 2 large graphic displays
- Displays cut/fill in selectable units

Item	Description	Price
789924	Rod-Eye 160 Digital w/Bracket	$ 420.00
789927	Bracket Only	$ 50.00

Rod-Eye 140

FEATURES:

- High application performance
- 12 cm detection window you can easily detect the beam
- LCD indication – 2 large graphic displays

Item	Description	Price
789923	Rod-Eye 140 Classic w/Bracket	$ 350.00
789927	Bracket Only	$ 50.00

Rod-Eye Basic

FEATURES:

- LCD indication – 2 clear displays
- Working radius: 150m (500ft)

Item	Description	Price
769811	Rod-Eye Basic w/Bracket	$ 210.00
762777	Bracket Only	$50.00

Prices are subject to change without notice.

MR240

240° Machine-Mounted Receiver

The LMR240 receiver provides accurate grade information for all visual machine control applications, with 240° detection of any rotating laser.

FEATURES:

- Choice of three settings: 3 channels (indicators) in coarse mode; 3 or 5 channels in fine.
- Magnetic mount allows quick mounting and easy movement from machine to machine
- Automatic shutoff
- Rugged, waterproof construction
- Includes receiver, batteries, case

Item	Description	Price
773569	Leica MR240	$ 710.00

LMR360R

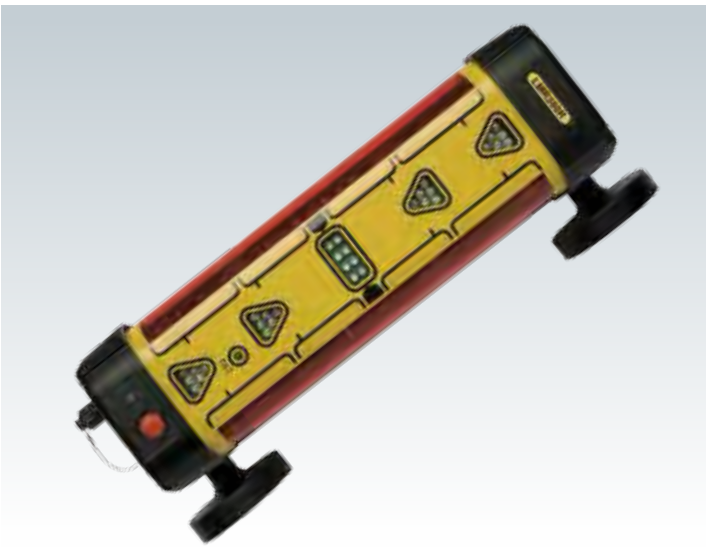
360° Machine-Mounted Receiver

The LMR360R offers accurate grade information for all visual machine control applications. Large 360° detection windows pick up any rotating laser, from any angle.

FEATURES:

- Accurate grade control
- Built-in vertical indicator
- Compatible with any laser
- Includes Remote Cab Display
- Waterproof
- Rechargeable battery included

Item	Description	Price
6009893	Leica LMR360 w/ Mag & Clamps	$ 2370.00



MC200

Machine Control Receiver with plumb indicator

Leica Basic Digging System is an ideal tool for any kind of height control for Excavators. Simply turn the excavator dipper into an integrated measuring stick without having to leave the cabin. It is simple to set-up and can be used with any rotating laser.

FEATURES:

- Magnetic or bracket mounted
- Compatible with any laser
- Ultra-bright LED displays (front & back)
- Waterproof
- "Shake 2 wake" functionality
- Rechargable Battery Included

Item	Description	Price
742438	MC200 w/ Clamp	$ 2240.00
742440	MC200 w/ Magnets	$ 2170.00
742701	MC200 w/ Clamp & Magnets	$ 2330.00

Machine Control

Leica Machine Control Solutions

Measuring the Real World

Leica Geosystems offers a smart and integrated range of machine control solutions for the construction market. They are accurate, easy to use, upgradable and ruggedized, helping you get the job done on time and to budget.

Contact your local Spatial Technologies representative for details.

Trenching
Any application where there is a buried utility or a need for controlled water flow (water and sewage, electricity, gas, communications. Leica iCON excavate 31 & iCON grade 32 offer flexible configurable solutions for these typical applications.

iCONstruct
The perfect support for the on-site machine control solution. The same design data is used for machine operations and for the iCONstruct field solution. This means preparing data only once by using Leica iCON office.

Filling & Road Preparation
For the applications of cutting to subgrade and the building (filling) process through different sublayers of material on a road construction process, the iCON grade solution offers significant time and cost savings.

Finishing Layers
Fine grading work for roads, parking lots, places, airport runways etc. is usually done with a grader. The Leica iCON grade 42 3D grading solution provides highest precision and flexibility for fast, high quality results.

Bulk Earthworks
In the process of shaping a landscape and preparing it for a road project, the efficiency in using heavy equipment like bulldozers, excavators and material is of key importance.
Leica iCON grade 32/42 offer guided and automated solutions.

Prices are subject to change without notice.

Jamar Technologies

RAC Plus I & RAC Geo II

Make Your Job a Little Bit Easier

For 20 years, JAMAR has set the standard in vehicle installed Distance Measuring Instruments. These cost effective DMIs allow your field personnel to measure distance as they drive, accurate up to 1 foot per mile. Much safer and more cost effective than using the old 'Hand-Wheel'. Users of JAMAR DMIs have come to appreciate their accuracy and reliability across a wide range of applications.

The large display can be read from any angle with four brightness levels to allow for ambient light conditions, whether it be bright sunlight, cloudy, or at dusk/night. Dual display windows simplify and separate distance data from vehicle speed, interval distance, status and menu information. All this in a small package (7.8" x 2.3" x 1.2") for mounting to the vehicle dashboard or, with optional bracket, to the windshield.

The new Geo II uses a high-performance, on-board GPS receiver that allows you to do distance measuring without the need of any external sensor, saving you time and money.

Contact your local Spatial Technologies Representative for details.

Line & Dot Lasers

Leica Lino Series

Measuring the Real World

FEATURES:

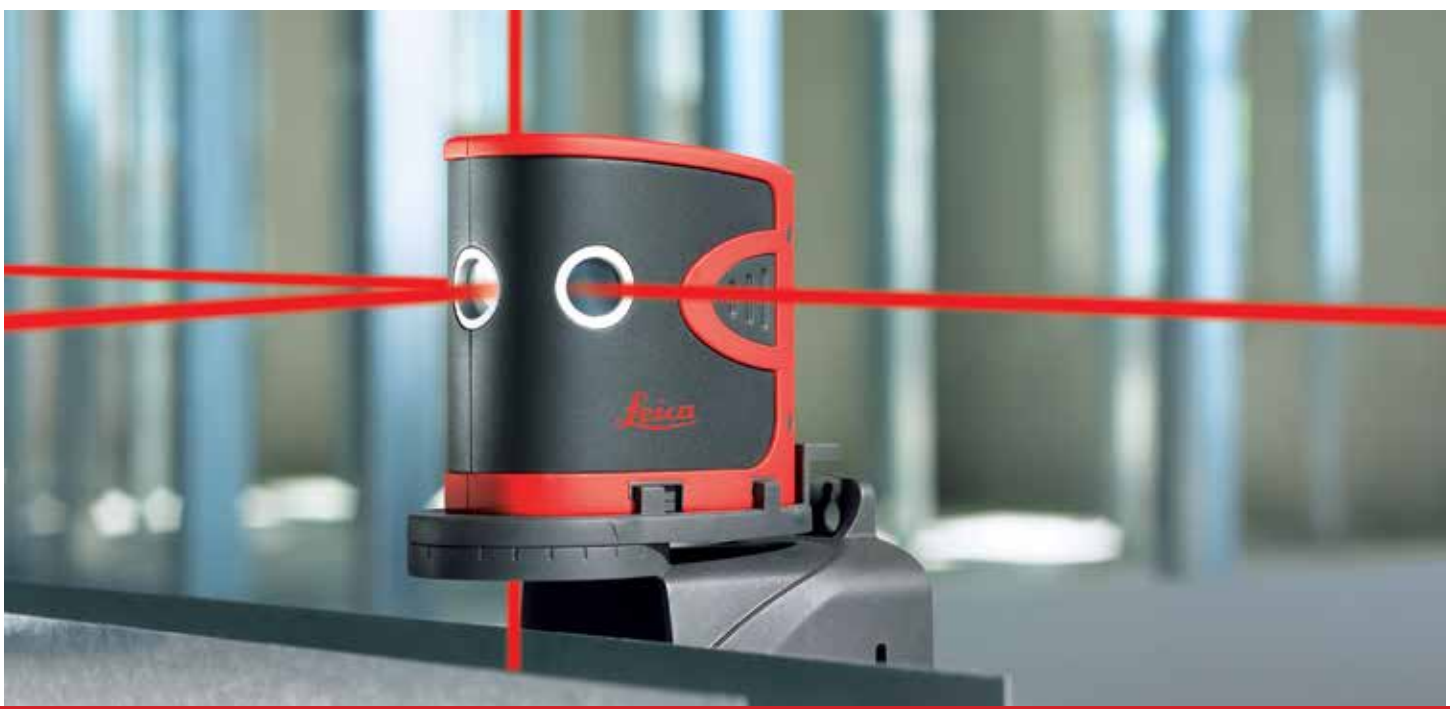
- **Leveling of all types and all orders of accuracy**
- **Precise leveling and settlement determinations on buildings**
- **Routine heighting for the construction of roads, railways, pipelines, tunnels and more**
- **Setting-out work and control measurements on the construction site**
- **Accuracy of +/- 1.5mm at 5m**

Item	Description	Price
757225	Leica Lino L2 Cross-Line Laser	$ 250.00
777067	Leica Lino P3 3-Point Laser	$ 240.00
777068	Leica Lino P5 5-Point Laser	$ 300.00
777069	Leica Lino L2P5 Cross-Line & 5-Point Laser	$ 450.00
790509	Leica Lino L360 Line Laser	$ 520.00
777070	Replacement Magnetic Wall Mount	$ 103.00

Function	P3	P5	L2	L2P5	L360
Plumbing up and down	✓	✓		✓	
Setting out right angles		✓		✓	
Horizontal levelling	✓	✓	✓	✓	✓
Vertical aligning			✓	✓	✓
Vertical and horizontal aligning			✓	✓	✓
Aligning at any angle			✓	✓	✓

777069 777067

757225 790509



DNA03 & DNA10

Advantages that Move You Ahead

FEATURES:

- **Large display, alphanumeric keyboard**
- **Bidirectional horizontal drive**
- **Camcorder batteries**
- **Magnetically damped compensator**
- **Onboard programs**
- **Data storage to internal memory**
- **Data backup to PCMCIA card or to CF card with adapter**
- **Geo Office Tools**

Item	Description	Price
726540	DNA10 0.9mm* Precision Digital Level, Magnetically Damped Compensator,w/User Manual and Container	$ 5000.00
723289	DNA03, 0.3mm* Precision Digital Level, Magnetically Damped Compensator, w/User Manual and Container	$ 7440.00

Variety of Rods and Accessories Available!

Leica Sprinter 50/150(M)/250M

Leica Sprinter Electronic Levels

FEATURES:

- USB interface (150M and 250M only)
- User-friendly menu
- Automatic height calculation and delta height
- The right leveling applications
- Built-in memory (150M and 250M only)
- Built-in tilt warning system
- Onboard applications
- Short measuring time
- Protection against dust/water
- Low power consumption with AA dry cells
- RS232 port for easy interface (optional)

Item	Description	Price
6002129	Sprinter 50 - 2.0mm Accuracy*	$ 1180.00
6002132	Sprinter 150 - 1.5mm Accuracy*	$ 1420.00
6002135	Sprinter 150M - 1.5mm Accuracy*	$ 1780.00
6002138	Sprinter 250M - 1.0mm/0.7mm Accuracy*	$ 2260.00
741882	4m Telescoping Staff	$ 100.00
764452	Fiberglass Precision Rod (for 250M Only)	$ 260.00

***ACCURACY BASED PER 1KM DOUBLE RUN**

Automatic Levels

Leica NA2/NAK2

Precision Leveling

FEATURES:

- **Leveling of all types and all orders of accuracy**
- **Precise leveling and settlement determinations on buildings**
- **Routine heighting for the construction of roads, railways, pipelines, tunnels and more**
- **Setting-out work and control measurements on the construction site**
- **High-accuracy area leveling:**
  - 0.3mm w/ Optional Parallel plate micrometer*
  - 0.7mm w/ Invar staff*

Item	Description	Price
352036	NA2 Universal Automatic Level	$2730.00
352038	NAK2 Universal Automatic Level with Horizontal Circle 360	$3560.00

Leica NA700 Series

Superior Performance, Superior Value

FEATURES:

- **Easy to use**
- **Quick targeting**
- **Ergonomic optics**
- **Durable, tough, precise**
- **Multipurpose configurable**
- **May be mounted on flat- or dome-head tripod**

Item	Description	Price
641985	NA730 Automatic Optical Level 1.2mm Accuracy*	$ 1180.00
641984	NA728 Automatic Optical Level 1.5mm Accuracy*	$ 1070.00
641983	NA724 Automatic Optical Level 2.0mm Accuracy*	$ 830.00
641982	NA720 Automatic Optical Level 2.5mm Accuracy*	$ 590.00

***ACCURACY BASED PER 1KM DOUBLE RUN**

Prices are subject to change without notice.

Leica Runners

Tough, Accurate, Great Value

FEATURES:

- Choice of magnification: 20x or 24x
- Superior performance at a great price
- Easy set up
- Designed to work hard on job sites
- Accurate with clear, bright optics
- Double-sided endless fine drive
- Pentaprism for easy viewing of circular level
- 360° division

Item	Description	Price
727585	RUNNER20 Automatic Level 2.5mm Accuracy*	$ 360.00
727586	RUNNER24 Automatic Level 2.0mm Accuracy*	$ 420.00

Leica Joggers

Fit for Work

FEATURES:

- Choice of magnification: 20x – 32x
- Automatic, air-damped compensator
- Smooth, double-sided endless fine drive for easy and precise targeting
- Horizontal circle with 360° division

Item	Description	Price
762263	Jogger 20 Automatic Level 2.5mm Accuracy*	$ 260.00
762264	Jogger 24 Automatic Level 2.0mm Accuracy*	$ 300.00
783739	Jogger 28 Automatic Level 2.0mm Accuracy*	$ 330.00
783740	Jogger 32 Automatic Level 2.0mm Accuracy*	$ 360.00

***ACCURACY BASED PER 1KM DOUBLE RUN**

Leica 3D Disto

Recreating the Real World

The Leica 3D Disto uses a highly accurate combination of distance and angle measurements to determine the precise position of each point targeted with the integral camera and captured with the laser beam. It detects the location and the height of the target point.

FEATURES:

- Measure plan position, height and distance, on all three spatial axes
- Intuitive user guidance from Assistants
- Measure from one station – every visible point can be measured by targeting with the visible laser dot – without the need to walk to the target
- Measure to difficult-to-reach points, such as roof edges
- As-built records of ceiling, floor and roof surfaces, volumes, inclination, falls, height differences, angles
- Plumbing of points, parallel axis offsetting, leveling, wall-to-wall level transfer – forget your spirit level and measuring tapes!
- Realtime display of measurements as drawings on the screen
- Positionally accurate representation of the measured points in the camera display
- Pocket calculator
- Recording information in the form of standard tables, photos, DXF files, text files at the press of a button
- Remote control measurements
- Data import and export on PC and USB stick

Item	Description	Price
6007842	Leica 3D Disto Package	$ 9370.00

PACKAGE INCLUDES:

- 3D Disto
- Windows Software Keycode (For PC Operation)
- Control unit (CU)
- RM100 remote control
- USB stick
- Self-adhesive target marks
- Ruler (for offset points)
- Power supply for 3D Disto & control unit
- 2 USB cables
- Power cable 3D Disto to CU
- Data CD

Prices are subject to change without notice.

Leica DISTO Series

Item	Description	Price
812806	Leica DISTO E7100i	$ 160.00
788211	Leica DISTO E7300	$ 240.00
788472	Leica DISTO E7400X	$ 330.00
822820	Leica DISTO E7500	$ 560.00
792320	Leica DISTO E7500i	$ 710.00
799097	Leica DISTO 810 Touch	$ 1010.00

Function	E7100i	E7300	E7400x	7500	7500i	D810 touch
Distance measurement (Range)	60 m	60 m	80 m	150 m	200m	200m
Minimum / maximum measurements	○	●	●	●	●	●
Area/volume measurements	Area Only	●	●	●	●	●
Triangle / room angle function	○	○	●	●	●	●
Trapezium function	○	○	○	○	●	●
Pythagoras functions	○	●	●	○	●	●
Tilt measurement	○	○	360°	360°	360°	360°
Smart Horizontal Mode™	○	○	●	●	●	●
Sloped object measurement	○	○	○	○	●	●
Height tracking	○	○	●	●	●	●
Height profile measurements	○	○	○	○	●	●
Subtraction / addition	○	●	●	●	●	●
Pointfinder with 4x zoom	○	○	○	●	●	●
Camera function	○	○	○	○	○	●
Measure with the picture	○	○	○	○	○	●
Timer	○	○	●	●	●	●
Personalised favourites	○	○	○	●	●	●
Touch screen	○	○	○	○	○	●
Compass	○	○	○	○	○	●
Bluetooth® SMART	Bluetooth® SMART	○	○	○	Bluetooth® SMART	Bluetooth® SMART
Free App	iOS/ Android	○	○	○	iOS/ Android	iOS/ Android

Leica Disto Accessories

Recreating the Real World

757938

780117

799301
(Shown with
810 Touch)

Item	Description	Price
780117	Laser Glasses	$ 40.00
769459	D5/D8/7500/810 LSA360 Pole Adapter	$ 110.00
757938	Leica Tripod TRI100	$ 90.00
778359	TA360 Tripod Adapter	$ 180.00
6008193	TRI170 Tripod w/ TA360 Adapter	$ 240.00
799301	FTA360 Tripod Adapter	$ 240.00

Metrotech VM-810

Metrotech, one of the original names in Pipe & Cable locating, has been producing the well tried and tested 810 for over forty years. The instrument includes a distance sensitive left/right guidance system(pioneered by Metrotech) to provide accurate easy locating. The 810 are the locators of choice for many Customers around the world.

Item	Description	Price
LOCVM810	Metrotech VM-810 Locator (83.1kHz) with Depth Indicator Includes Hard Container & Direct Connect Cables	$ 3780.00
LOCCLAMP4	Metrotech 4" Clamp	$ 415.00
LOCCLAMP5	Metrotech 5" Clamp	$ 500.00
LOCCLAMP18	Metrotech 18" Clamp	$ 690.00

LOCCLAMP5

LOCVM810

Vivax vLoc Pro 2

LOCVLOCPRO2 LOCVLOC10TX

LOCVLOC1TX

LOCVLOCCLAMP18

The vLocPro2 is intended for use by field technicians to locate and trace the position of buried utility pipes and cables. Designed by engineers experienced in the field of location and incorporating ideas and feedback from customers.

- IP54 rating for all weather use
- Color display
- Multiple location modes with compass orientation
- Multiple frequencies (over 70)
- Push button and continuous depth/current (feet or meters)
- Normal & modulated audio modes (separately selectable for Power, Radio & Active modes)
- Signal direction to aid line identification
- Rechargeable and alkaline battery packs
- Optional Bluetooth and GPS

Item	Description	Price
LOCVLOCPRO2	Vivax vLocPro2 Receiver with Depth Indicator Includes Soft Bag & Direct Connect Cables	$ 2530.00
LOCVLOC10TX	Vivax 10w Transmitter	$ 2060.00
LOCVLOC1TX	Vivax 1w Tramsmitter	$ 985.00
LOCVLOC10TX-BAG	Sweeping Bag for 10w TX	$ 80.00
LOCVLOC10TX-REC	Rechargable Kit for 10w TX	$ 600.00
LOCVLOCPROHC	Hard Case for vLoc and 10w TX	$ 285.00
LOCCLAMP5	Vivax 5" Induction Clamp	$ 500.00
LOCCLAMP18	Vivax 18" Induction Clamp	$ 690.00

Vivax VM-560

LOCVM560

With a choice of passive power locating and active 8kHz and 480kHz frequencies the VM-560 is designed to meet the requirements of those wishing to detect the presence of active power cables and also wishing to trace short ranges. It is particularly useful in helping to detect and trace short distance drop wires.

Item	Description	Price
LOCVM560	Vivax VM-560 Locator (8Khz & 480kHz)with Depth Indicator Includes Soft Bag & Direct Connect Cables	$ 1490.00

Locators

Sonarmite

The SonarMite Echo Sounder is result of nearly two years research and development to further extend the boundaries of shallow water hydrographic surveying equipment. The SonarLite, the worlds first truly portable echo sounder system is the portable instrument of choice in many survey companies around the world

Features:
- 4 degree beam width
- Rugged, field-proven survey grade echosounder
- Bluetooth technology integrated with Windows Pocket PC devices
- Proven 'Smart' transducer design with QA output
- Easily integrated with other modern software & GPS technology

Item	Description	Price
SMBT	Sonarmite BT Survey System	$ 7250.00
HLTM	Hydrolite Mounting Bracket	$ 1450.00
SMBTCASE	Hard Container for Sonarmite	$ 550.00

Pin Finders

Schonstedt

Item	Description	Price
GA-52CX	Schonstedt GA52CX Audio Indication 92	$ 1145.00
GA-72CD	Schonstedt GA72CD Audio/Visual Indication	$ 1395.00
GA-92XTD	Schonstedt GA92XTD Colapsable w/ Audio/Visual Indication	$ 1345.00

Subsurface

Item	Description	Price
ML-1	Subsurface ML-1	$ 995.00

ML-1

GA-92XTD

GA-52CX

GA-72CD

Prices are subject to change without notice.

TruPulse Range Finders

TP200

TP360R

It's almost an insult to even call these powerful measurement tools a "Laser Rangefinder" because thier capabilities go far beyond just measuring a range. You can instantly measure slope distance, inclination and azimuth* and calculate horizontal and vertical distance - all with a single push of a button.

Item	Description	Price
TP200	Truepulse 200 Laser Rangefinder	$ 935.00
TP200X	Truepulse 200X Laser Rangefinder	$ 2250.00
TP360	Truepulse 360 Laser Rangefinder	$ 1995.00
TP360R	Truepulse 360R Ruggedized Rangefinder	$ 2250.00

SmartTool Digital Level

The 24" and 48" SmartTool Digital levels contain the SmartTool Builder's Angle Sensor inclinometer module permanently mounted into a durable aluminum frame. The level includes an indestructible horizontal spirit bubble vial and a plumb spirit bubble vial. Durable plastic endcaps protect the level when dropped.

Item	Description	Price
92325	48" SmartTool Digital Level	$ 265.00
92379	24" SmartTool Digital Level	$ 225.00

92379

ZIPPRO2000

Ziplevel

Unlike a rotary laser, the Ziplevel lets you truly work alone to quickly and easily level and read elevations directly in unmistakably clear digits. Now you can measure over any distance or elevation on earth, from paper thickness to the height of a mountain without error-inducing tabulation or math.

Item	Description	Price
ZIPPRO2000	Ziplevel Pro 2000 Digital Level	$ 1250.00

Tripods

Leica Tripods

Item	Description	Price
394752	Tripod GST20-9, Telescopic with Accessories, without Pouch	$ 420.00
667301	Tripod GST120-9, Telescopic Self-Closing, with Accessories, without Pouch	$ 420.00
563630	GST05L Aluminum Tripod, Telescopic, with Accessories	$ 300.00
726831	GST101 Wooden Tripod, Yellow Legs, Hinges, Feet, Black Dome, w/Shoulder Strap	$ 150.00

Leica Tripods Setting the Industry Standard, Worldwide!

Crain Tri-Max Tripods

Item	Description	Price
90553	Crain Tri-Max Tripod Tall Dual Clamps	$ 552.00
90556	Crain Basic Elevator Tripod	$ 789.00
90558	Crain Delux Elevator Tripod	$ 2245.00
90558-050	Crain Extension for Deluxe Tripod	$ 470.00
90555	Crain Tripod Dolly w/ Case	$ 1932.00

Dutch Hill Tripods

Item	Description	Price
GT-2000	Composite Head Tripod	$ 400.00
GT-2000A	Aluminum Head Tripod	$ 445.00
GT-2000CF	Carbon Fiber Leg Tripod	$ 550.00

Economical Tripods

Item	Description	Price
M1N	Economy Aluminum Lightweight Tripod w/ Flat Head	$ 115.00
M1D	Economy Aluminum Lightweight Tripod w/Dome Head	$ 115.00
SB20	Economy Wood Tripod	$ 145.00
SQ25	Economy Fiberlgass Tripod	$ 185.00

Prices are subject to change without notice.

Tripods & Accessories

Elevator Tripods

Item	Description	Price
663100	Leica LAT265 Elev.. Tripod (104" Max)	$ 680.00
663099	Leica LAT195 Elev. Tripod (77" Max)	$ 620.00
90558	Crain Deluxe Elevator Tripod	$ 2245.00
90558-050	Crain Extension for Delux Tripod	$ 470.00
5321-17	Seco Heavy Duty Elevating Tripod	$ 380.00
ELV-300Q	Economy Elevator Tripod	$ 185.00

Tripod Accessories

Item	Description	Price
332200	GST4 Tripod Floor Brace	$ 500.00
YR-TCR	Tripod Chain Rest	$ 19.00
8154-10	Seco Tripod Bag	$ 98.75
8160-30	Seco Hard Container for Tripod	$ 445.00

Rental Equipment Available

- Daily, Weekly, Monthly
- Data Collectors
- Total Stations
- Digital Levels
- Network Rovers
- Base/Rover GPS
- Robotic Total Stations
- Accessories

Visit spatialtechnologies.ca to find a location near you!

Cables

TPS Power/Interface Cables

Item	Description	Price
563625	TPS to RS232 Cable	$ 130.00
409678	GEV52 TPS Power Cable	$ 180.00
734697	GEV186 TPS to TCPS Radio Cable	$ 390.00
8201169	TPS to RS232 Coiled Cable	$ 145.00

GPS Power/Interface Cables

Item	Description	Price
767899	GEV243 Viva to USB Cable	$ 350.00
733280	GEV160 Comm. Port to RS232 Cable	$ 180.00
733282	GEV162 RX Port to RS232 Cable	$ 180.00
733283	GEV163 System 1200 Controller Cable	$ 230.00
560130	GEV97 Power Cable to GPS	$ 170.00

Radio Antennas and Mounts can be found On Page 70

Coax Antenna Cables

Item	Description	Price
667200	Leica 1.2m Antenna Cable	$ 70.00
724969	Leica 1.8m Antenna Cable	$ 110.00
636959	Leica 2.8m Antenna Cable	$ 70.00
667201	Leica 1.6m Antenna Extension Cable	$ 80.00
SPT-7-10	Spatial 10ft Antenna Cable	$ 95.00
SPT-7-23	Spatial 23ft Antenna Cable	$ 120.00
SPT-7-33	Spatial 33ft Antenna Cable	$ 145.00
SPT-7-50	Spatial 50ft Antenna Cable	$ 170.00
772002	External Antenna Cable for GS05/06	$ 110.00

External Power Cables

Item	Description	Price
749279	GEV208 AC Power Supply	$ 250.00
439038	GEV71 Alligator Clip Power Cable w/ Integrated circuit protection	$ 280.00

563625

767899

560130

SPT-7-23

439038

Prices are subject to change without notice.

Instrument Batteries

667318

667123

772806

793973

439149

667147

727367

Item	Description	Price
439149	GEB77 Plug-In Battery 12v	$ 210.00
667147	GEB187 Plug-In Battery 12v	$ 230.00
667123	GEB121 Plug-In Cam. Battery	$ 120.00
667318	GEB111 Plug-In Cam. Battery Small	$ 100.00
772806	GEB212 Internal Battery Li-Ion 4.7v	$ 150.00
793973	GEB222 Internal Battery Li-Ion 7.4v	$ 260.00
793975	GEB242 Internal Battery Li-Ion 4.8amp	$ 480.00
727367	GEB171 External Battery 12v/9amp	$ 470.00

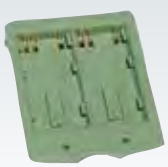
Battery Fit Chart

Equipment	Battery
CS10/CS15	GEB212
GS 08/14/15	GEB212
GS10	GEB222
Zeno	GEB212
GX1200	GEB222
RX1250	GEB212
ATX1200	GEB212
GHT56	GEB212 or GEB222
SR500	GEB111 or GEB121
TS30/MS50	GEB242
TS11/12/15	GEB222
TPS1200	GEB222
TS02/06/09	GEB212 or GEB222
TPS300/400/700/800	GEB111 or GEB121
Builder (New Series)	GEB212 or GEB222
Builder (Old Series)	GEB111 or GEB121

Chargers/Charger Adapters

733271

734753



733323

733322

Item	Description	Price
785703	GKL32 Battery Charger 115v 5-Pin	$ 180.00
799185	GKL311 Battery Charger GEB211/221	$ 170.00
734753	GLK112 Battery Charger GEB111/121	$ 100.00
733271	GKL221 Professional Charger	$ 620.00
733322	GDI222 Adapter for GEB111/121	$ 70.00
733323	GDI221 Adapter for GEB212/222	$ 70.00
734389	GDC221 DC Adapter for GKL221 Charger	$ 200.00

Data Collector Accessories

Data Cards

Item	Description	Price
795993	MMSD01 1GB Micro SD Card	$ 140.00
733256	MCF32 32Mb Compact Flash Card	$ 120.00
733257	MCF256 256Mb Compact Flash Card	$ 260.00
767856	MSD1000 1GB SD Industrial Flash Card	$ 240.00
789139	MSD08 8GB SD Industrial Flash Card	$ 600.00
733258	MCFAD1 CF to PC Card Adapter	$ 50.00
765199	MS1 1GB Industrial USB Memory Stick	$ 300.00

Leica Memory Cards - Rated for Operation from -40 C to +85 C

Controller Mounts/Straps

Item	Description	Price
767879	GHT62 Holder for Viva CS10/15	$ 70.00
767880	GHT63 Pole clamp for Controller Holder	$ 120.00
733264	GHT39 Holder For RX1200	$ 60.00
767877	GHT61 Hand strap for Viva CS10/15	$ 60.00
733266	GHT41 Hand strap for RX1200	$ 60.00
767906	Docking Station for CS10/15	$ 300.00

Screen Protectors

Item	Description	Price
799658	SPF03 Screen Protector foil for TS30/TPS1200/TS12	$ 30.00
799660	SPF04 Screen Protector Foil for CS10/CS15/MS50/TS15/TS11/TS09+	$ 30.00

Prices are subject to change without notice.

Tribrachs

Item	Description	Price
777508	Tribrach GDF321 PRO, Without Optical Plummet, Pale Green	$ 460.00
777509	Tribrach GDF322 PRO, with Optical Plummet, Pale Green	$ 590.00
748888	Tribrach GDF111-1 BASIC, w/o Optical Plummet,	$ 300.00
2152-04-BLK	Seco Economy Tribrach with Optical Plummet	$ 245.00
XFG1P	Economical Basic Tribrach w/ OP	$ 175.00

Tribrach Adapters & Carriers

Item	Description	Price
667313	GRT144 Carrier w/ Stub	$ 140.00
667216	GRT146 Carrier With 5/8" Screw,	$ 130.00
770715	GRT247 Short Carrier With 5/8" Screw for GS15 SmartAntenna	$ 180.00
2010-00	Seco Fixed Tribrach Adapter	$ 54.75
2070-00	Seco Rotatable Tribrach Adapter	$ 77.75
725566	Carrier GZR103, with Plate Level and Optical Plummet, for Reflectors and GPS Antenna, Pale Green	$ 450.00
428340	GZR3 Precision Carrier, with Plate Level and Optical Plummet	$1010.00
667316	SNLL121 Sensor, Zenith-Nadir Laser Plummet, Pale Green, w/User Manual	$ 650.00

Tribrach Accessories

Item	Description	Price
667718	GHM007 Instruments Height Meter	$ 70.00
722045	GHT196 Distance Holder for Height Meter	$ 20.00
667244	GZS4 Height Hook	$ 240.00

Prisms

360 Degree Prisms

Item	Description	Price
639985	GRZ4 360° Reflector	$ 1120.00
754384	GRZ122 360° Reflector with 5/8" Thread Adapter for Mounting of GPS Antenna	$ 1920.00
644327	GRZ101 Mini 360⁰ Prism	$ 730.00

754384 639985 644327 (Shown with Pole)

Standard Prisms

Item	Description	Price
753492	GPR113 Plastic Body Prism w/o Target	$ 210.00
362820	GPH1 Single-Prism Holder	$ 80.00
362830	GPR1 Circular Prism, in Black Housing	$ 270.00
362823	Target Plate for GPH1/GPR113	$ 60.00
641617	GPR121 Metal Body Prism - w/ Target	$ 440.00
641618	GPR111 Plastic Body Prism - W/ Target	$ 220.00
731346	CPR105 Flat Double-Sided Reflector	$ 70.00
6402-10	Seco Standard Prism w/ Target (0,-30)	$ 233.00
6422-20	Seco Locking Prism w/ Target (0,-30)	$ 284.00

641618 641617 6402-10

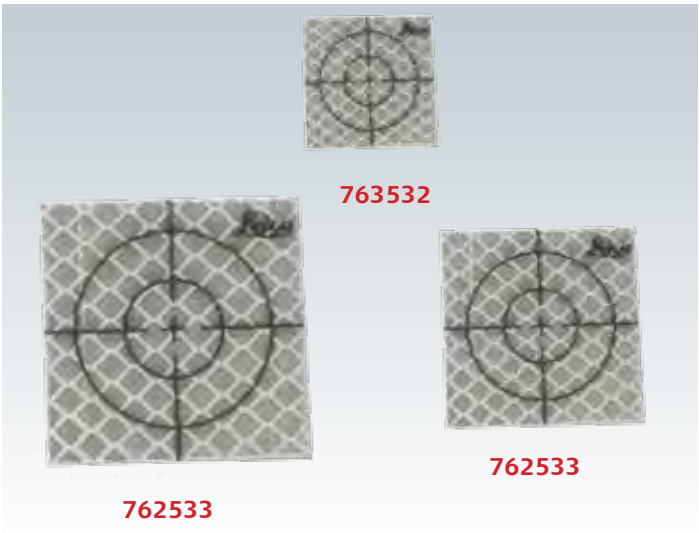
Mini-Prisms

Item	Description	Price
641615	GPM111 Basic Mini-Prism w/Pole (-17.5)	$ 290.00
641662	GMP101 Mini-Prism w/Target Plate	$ 250.00
641762	GMP104 Mini w/LBar	$ 130.00
642534	GRZ111-0 "0-Constant" Mini-Prism	$ 280.00
6200-10	Seco Mini-Prism w/ Mid Bubble (0,-30)	$ 168.00
6200-11	Seco Mini-Prism W/ Side Bubble (0,-30)	$ 168.00
5910-01	Seco Mini Prism w/ Pole (0,-30)	$ 328.00
5910-02	Seco Mini Prism w/ Pole (-17.5)	$ 328.00
5910-03	Seco Mini Prism w/ Pole (-34)	$ 328.00
5910-06	Seco Sliding Tilting Prism w/ Pole (0)	$ 362.00
6600-10	Seco Sliding Non-Tilting Prism (0)	$ 155.00
YR-8	Economy Mini-Prism Mid Bubble (-30)	$ 95.00
YR-8A	Economy Mini-Prism Side Bubble (-30)	$ 95.00

641762 641662 641615

Prices are subject to change without notice.

Reflector Tape



Item	Description	Price
763532	GZM29 20x20mm Tape	$ 60.00
763533	GZM30 40x40mm Tape	$ 100.00
763534	GZM31 60x60mm Tape	$ 140.00

Monitoring Prisms

Item	Description	Price
726295	GPR112 Monitoring Prism w/o Mount	$ 140.00
726296	GHT112 Mounting Set for GPR112	$ 50.00
727406	GDZ112 Rain Shelter for GPR112	$ 30.00

Prism Bags

Item	Description	Price
8080-00-MBL-L	Triple-Prism Bag	$ 52.75
8130-00-MBL-L	Extra-Tall Triple-Prism Bag	$ 76.75
8082-00-MBL-L	Super Jumbo Bag	$ 84.75
SB-4	Econo Single Prism Bag	$ 24.75
SB-5	Econo Prism/Tribrach Bag	$ 34.75
SB-6	Econo Large Bag	$ 54.75

Prism Poles

Leica Prism Poles

Item	Description	Price
385500	GLS11 Telescopic Pole - 1.24-2.15m	$ 220.00
754391	GLS12 2m Telescopic Aluminum Pole w/ Stub	$ 280.00
766359	GLS31 2m Telescopic Carbon Fiber Pole w/ Stub	$ 510.00
403427	GLS14 0.2m Mini Pole w/ Stub	$ 120.00
642106	GLS115 Mini-Reflector Pole	$ 100.00

Leica GPS Poles

Item	Description	Price
752292	GLS30 2m Telescopic Carbon Fiber Pole with 5/8" Thread	$ 510.00
768226	GLS13 2m Telescopic Aluminum Pole with 5/8" Thread	$ 250.00

SECO Poles

Item	Description	Price
5541-10	Seco 2.6m Fiberglass Adjustable Tip Pole	$ 220.00
5541-20	Seco 3.6m Fiberglass Adjustable Tip Pole	$ 297.00
5541-30	Seco 4.6m Fiberglass Adjustable Tip Pole	$ 439.00
5125-22	Seco 2m Alum. Snap-loc Pole	$ 188.00
5128-08	Seco 2m Carbon Fiber 2-Section Pole	$ 420.00
5500-11	Seco 2.6m Alum. Twist-loc Pole	$ 220.00
5500-21	Seco 3.6m Alum. Twist-loc Pole	$ 272.00
5500-30	Seco 4.65m Alum. Twist-loc Pole	$ 323.00
5125-06	Seco 2m Alum 2-Section Pole	$ 163.00

Many other pole options available - Contact your local Spatial Representative for more options

SECO Mini Poles

Item	Description	Price
5010-01	Seco 0.12m Mini Pole w/ 5/8" Thread	$ 91.75
5010-00	Seco 0.39m Alum Pole w/ 5/8" Thread	$ 103.00
5500-23	Seco 0.82-1.55m Alum Adj. Tip Pole	$ 272.00

Prices are subject to change without notice.

Bipods

Item	Description	Price
22-MBS	MIni Bipod for Leica MInipole (403427)	$ 170.00
5217-04	Seco Alu. Thumb Rel. w/ Screw Clamp	$ 217.00
5217-50	Seco Alu. Thumb Rel. w/ Quick Clamp	$ 257.00
5219-03	Seco CF Thumb Rel. w/ Screw Clamp	$ 374.00
5217-30	Seco Bipod Leg Clip	$ 18.75
5217-15	Seco 12' Mini Bipod/Rod Rest	$ 67.75
5218-15	Seco 12" Mini Tripod	$ 97.75
5214-01	Seco Rodrest Retractable Kickstand	$ 250.00
5214-00	Seco Alligator Clamp Prism Pole Tripod	$ 64.75

Pole Adapters

Item	Description	Price
2080-00	Alum. F. 5/8" to M. Leica Stub	$ 28.75
2080-SS	Stainless Steel F. 5/8" to M. Leica Stub	$ 32.75
5187-00	Alumi.F. 5/8" to M. Leica Short Stub	$ 34.75
5111-00	Alum. F. Stub to M. 5/8" Thread	$ 77.75
5180-00	Alum. Double M. 5/8"	$ 18.75
2090-14	Adjustable 5/8" Thread w/ Lockring	$ 38.75

Pole Points/Feet

Item	Description	Price
5192-02	Seco Point/Topo Foot Combo	$ 74.75
5191-00	Seco Narrow Topo Foot	$ 17.75
5192-00	Seco Wide Topo Foot	$ 32.75
91601	Seco Plastic Topo Boot (Req. 91605)	$ 7.75
91605	Seco 2pc Steel Tip (For 91601)	$ 27.75
5194-05	Seco 2pc Pole Point	$ 13.75
5190-00	Seco 1pc Pole Point	$ 13.75
5194-10	Seco Center Punch Point	$104.00

Instrument Accessories

GPS Accessories

Item	Description	Price
767790	GAD108 Antenna Arm for GS14/15	$ 280.00
767791	GAD109 Lemo to TNC for GS14/15	$ 90.00
667219	GAD33 15cm Antenna Arm	$ 100.00
667220	GAD34 3cm Antenna Arm	$ 70.00
667228	GAD32 Telescopic Pole for Backpack	$ 70.00
770707	GVP647 Minipack for GPS	$ 280.00
667217	GAD31 F Stub to M. 5/8" Adapter	$ 160.00

Choose from a variety of accessories to help protect and keep your equipment working at its best!

TPS Accessories

Item	Description	Price
734514	GFZ3 Diagonal Eyepiece for TPS	$ 850.00
743504	GVO13 Solar Filter for TPS	$ 340.00
788853	RH16 Radio Handle for TPS	$ 1860.00
788855	CTR16 Communication Cap for CS15	$ 1070.00

Prices are subject to change without notice.

Seco Controler Mounts

5198-152

5200-150

5198-086

5200-15

Item	Description	Price
5198-052	Seco QR Pole Clamp - Basic	$ 94.75
5198-054	Seco QR Pole Clamp w/ 40' Vial	$ 104.00
5198-055	Seco QR Pole Clamp w/ Compass	$ 104.00
5198-152	Seco QR Pole Clamp for 1.5" Dia. Pole	$ 94.75
5200-150	Seco QR Claw Pole Clamp - Basic	$ 94.75
5198-086	Seco QR Cradle for CS (Requires Plate)	$ 87.75
5200-050	Seco QR Claw Cradle - Ranger 300/500	$ 104.00
5200-052	Seco QR Claw Cradle - Allegro	$ 104.00
5200-057	Seco QR Claw Cradle - Archer	$ 110.00
5200-059	Seco QR Claw Cradle - Nomad	$ 104.00
5200-062	Seco QR Claw Cradle - Carlson Surveyor	$ 104.00
5200-065	Seco QR Claw Cradle - Ranger (Ser 3)	$ 104.00
5200-15	Seco Ram Asmb. Complete - Leica RX	$ 252.00

Climate & Compass

K3500

BRU F-OMNISIGHT

JSH5255

Item	Description	Price
BRU F-OMNISIGHT	Brunton Omnisight Compass	$ 150.00
BRU F-OMNISLOPE	Brunton Omnislope Clinmeter	$ 150.00
BRU FBOSS60	Brunton 60m Basic Compass	$ 60.00
JSH5255	Duplex Pocket Thermometer	$ 34.75
K3500	Kestrel Pocket Barometer	$ 285.00

Magnetic Mounts

5114-02

5114-050

Item	Description	Price
5114-051	Seco Single Magmount w/ Stub	$ 78.75
5114-050	Seco Single Magmount w/ 5/8" Thread	$ 78.75
5114-01	Seco Triple Magmount w/ Stub	$ 335.00
5114-02	Seco Triple Magmount w/ 5/8" Thread	$ 258.00

GPS Radio Accessories

Antennas and Mounts

Item	Description	Price
11581	Spatial Antenna Mount fits 5/8" Thread TNC to NMO-Type Connections	$ 90.00
C02548	Base Whip Antenna (0 dB) 430-450 MHz	$ 145.00
C02549	Base Whip Antenna (0 dB) 450-470 MHz	$ 145.00
C02551	Base Whip Antenna (5 dB) 430-450 MHz	$ 185.00
C02552	Base Whip Antenna (5 dB) 450-470 MHz	$ 185.00
667243	Gainflex Rover Antenna 430-470 MHz	$ 60.00

Antenna Masts

Item	Description	Price
SPT-1	Spatial Tripod w/ Mast (2.3m) w/ Bag	$ 593.00
5561-20	Seco Antenna Mast - Fits most Tripods	$ 227.00
2133-05	Seco Ram Style Antenna Mast Mount	$ 129.00
2133-06	Seco Tripod Radio Antenna Kit w/ Bag	$ 250.00

Bubble Calibration Tools

Item	Description	Price
16TPL2000	True Plumb Pole Adjusting Jig - For Calibration of Pole Bubbles	$ 230.00
5195-01	Seco Pole Adjusting Jug - For Calibration of Pole Bubbles	$ 64.75
2002-00	Seco Tribrach Adjuster - For Calibration of Tribrach Bubbles and Plummets	$ 137.00

Prices are subject to change without notice.

Power/Interface Cables

Item	Description	Price
SPT-4	Spatial Base Y-Cable for Viva System Provides Power and Data to GPS and Radio (Requires SPT-20/28)	$ 575.00
SPT-27	Spatial Base H-Cable for System 1200 Provides Power and Data to GPS and Radio (Requires SPT-20/28)	$ 725.00
SPT-17	Spatial Base Y-Cable for System 500 Provides Power and Data to GPS and Radio (Requires SPT-20/28)	$ 575.00
SPT-37	Spatial Repeater Power Cable (Requires SPT-20/28)	$ 400.00
SPT-20	Spatial Alligator Clip Cable for SPT-4/17/27/37	$ 140.00
SPT-28	Spatial Battery Box (Bulkhead) Cable for SPT-4/17/27/37	$ 130.00
A00454	Pacific Crest Power/Data Cable	$ 315.00
A00854	Pacific Crest Repeater Power Cable HPB	$ 150.00
A00910	Pacific Crest Repeater Power Cable LPB	$ 150.00
A00393	Pacific Crest Ring Terminal to SAE Cable	$ 45.00
YCOP35A	Satel Power to SAE Cable	$ 140.00
YCSWK-L1	Satel EPIC Pro 35W to Leica GPS Cable	$ 295.00

Base Battery/Chargers

Item	Description	Price
SPT-ALU-S	Spatial Small Base Battery Box w/o Cables Or Battery	$ 450.00
SPT-ALU-L	Spatial Large Base Battery Box w/o Cables or Battery	$ 475.00
YP33BB	Soft Bag for Small Base Battery	$ 39.75
SPT-DCB-S	Small Gel Cell Battery - Battery Only	$ 110.00
SPT-DCB-L	Large Deep Cycle Battery - Battery Only	$ 190.00
A01509	Pacific Crest Base Battery Charger To SAE Type Connector	$ 195.00

Level Rods

SVR/LR Fiberglass Rods

Imprinted scales for lifetime wear. Positive locking/button system and 5/8 x 11" female prism mounting adapter. Standard Series – 25' telescoping heights, tenths.

Item	Description	Price
90014	LR Level Rod 7.6m (Round)	$ 350.00
98012	SVR Level Rod 7.6m - 0.5cm	$ 278.00
98013	SVR Level Rod 7.6m - E-Face	$ 278.00
98023	SVR Level Rod 5m - E-Face	$ 238.00
98011	SVR Level Rod 25' - Inches	$ 278.00
98010	SVR Level Rod 25' - 10ths	$ 278.00

CR Basic Fiberglass Rods

(CR Series) incorporates versatility. Rectangular shape with rounded back corners provides compatibility with laser sensors and a large, easy-to-read face.

Item	Description	Price
92046	CR Level Rod - 5m - E-Face	$ 158.00
92028	CR Level Rod - 4m - British E-Face	$ 132.00
92026	CR Level Rod - 4m - E-Face	$ 132.00
92022	CR Level Rod - 13' - Inches	$ 105.00
92021	CR Level Rod - 13' - 10ths	$ 105.00
92002	CR Level Rod - 8' - Inches	$ 69.75
92001	CR Level Rod - 8' - 10ths	$ 69.75

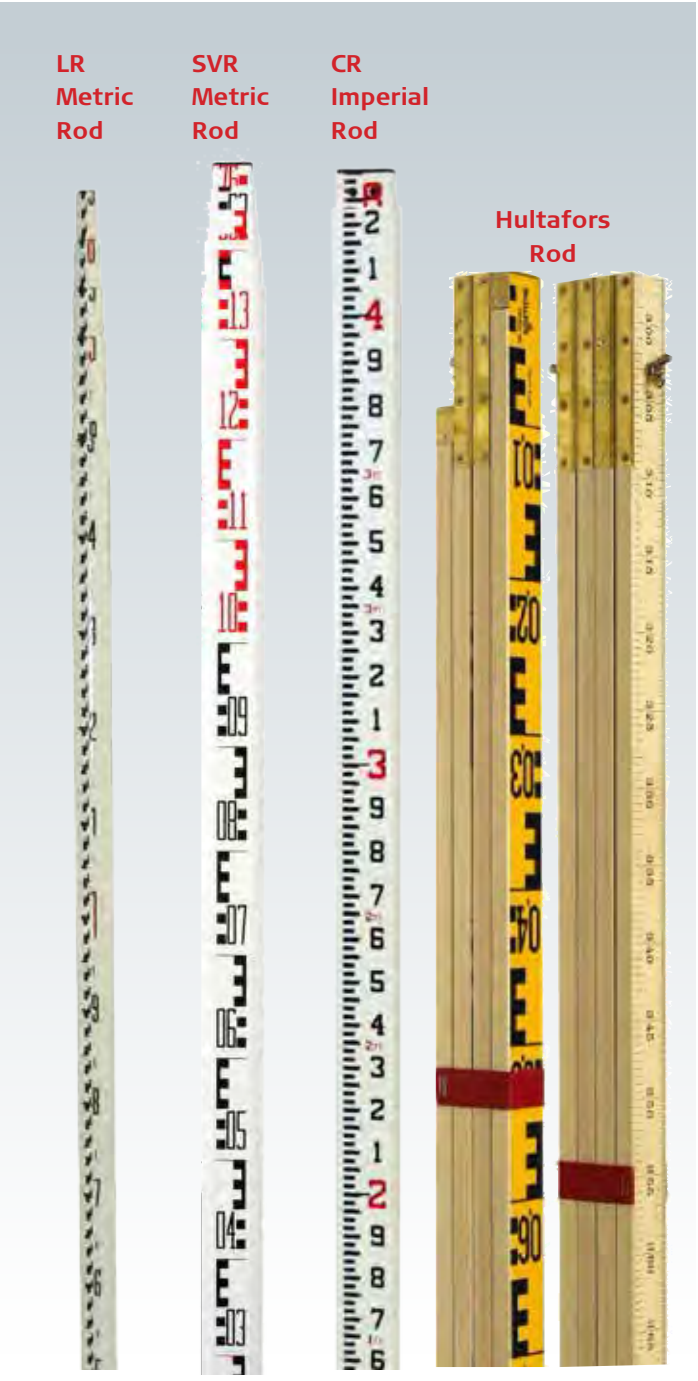
Hultafors Rods

4 Section solid wood core levelling rod. 35mm width with brass fittings.

Item	Description	Price
704RG1RG6	Hultafors 4m Rod Metric/Tenths	$ 335.00
704RG1N2	Hultafors 4m Rod Metric/MM	$ 310.00

Aluminum Rods

Item	Description	Price
ALS5-5EK	5m Econ. Alum. E-Face Rod	$ 95.00
ALS7-5EK	7m Econ. Alum. E Face Rod	$ 145.00



Choose from our large selection of lengths and increments in Metric, Feet/ Tenths and Feet/Inches.

Prices are subject to change without notice.

Rod Accessories

5001-10 5001-21 5001-12

7304-02

Item	Description	Price
5001-10	Seco Rod Level 40 Min	$ 23.75
5001-21	Seco Heads-Up Rod Level, Handheld	$ 117.00
5001-12	Seco Snap-On Rod Level	$ 26.75
7304-02	Seco 1Kg Turning Point	$ 17.75

Hand Levels

572-S

17-5502-1

4040-60

Item	Description	Price
572-S	Kuker Ranken 2x Hand Level	$ 115.00
17-5502-1	David White Hand Level	$ 110.00
4200-00	Seco Inclosed Hand Level	$ 135.00
4040-60	Seco 1x Hand Level	$ 89.75

Survey Signs

Item	Description	Price
4022000	Survey Sign Stand	$ 155.00
4026036-EV-HF	Survey Crew - 36"x36"	$ 85.00
SAFETY-FLAG	Econ. Safety Flag	$ 35.00

Keep You and Your Job Site Safe!

402036-EV-HF with 4022000

Cones

Item	Description	Price
SAFETY-CONE-MD	Safety Cone - MD	$ 12.75

SAFETY-CONE-MD

Caution Tape

Item	Description	Price
BT1200E	Caution Tape - 1000'	$ 14.75
BT1201	Caution: Do Not Enter Tape - 1000'	$ 14.75

BT1200E

Prices are subject to change without notice.

Survey

1115-1010

1116-7151

Red

Item	Description	Price
1115-1010-S	Red Cruiser Vest w/Stripes S	$ 95.00
1115-1010-M	Red Cruiser Vest w/Stripes M	$ 95.00
1115-1010-L	Red Cruiser Vest w/Stripes L	$ 95.00
1115-1010-XL	Red Cruiser Vest w/Stripes XL	$ 95.00
1115-1010-XL2	Red Cruiser Vest w/Stripes XXL	$ 95.00
1115-1010-XL3	Red Cruiser Vest w/Stripes XXXL	$ 95.00

Yellow

Item	Description	Price
1116-7151-S	Yellow Cruiser Vest w/Stripes S	$ 95.00
1116-7151-M	Yellow Cruiser Vest w/Stripes M	$ 95.00
1116-7151-L	Yellow Cruiser Vest w/Stripes L	$ 95.00
1116-7151-XL	Yellow Cruiser Vest w/Stripes XL	$ 95.00
1116-7151-XL2	Yellow Cruiser Vest w/Stripes XXL	$ 95.00
1116-7151-XL3	Yellow Cruiser Vest w/Stripes XXXL	$ 95.00

Blue

Item	Description	Price
VESTSURVEYBLUE-S	Blue Cruiser Vest w/Stripes S	$ 95.00
VESTSURVEYBLUE-M	Blue Cruiser Vest w/Stripes M	$ 95.00
VESTSURVEYBLUE-L	Blue Cruiser Vest w/Stripes L	$ 95.00
VESTSURVEYBLUE-XL	Blue Cruiser Vest w/Stripes XL	$ 95.00
VESTSURVEYBLUE-XXL	Blue Cruiser Vest w/Stripes XXL	$ 95.00
VESTSURVEYBLUE-XXXL	Blue Cruiser Vest w/Stripes XXXL	$ 95.00

Mesh Survey

VESTMESH BLUE

Red

Item	Description	Price
VESTMESHRED-S	Red Mesh Back Vest w/Stripes S	$ 95.00
VESTMESHRED-M	Red Mesh Back Vest w/Stripes M	$ 95.00
VESTMESHRED-L	Red Mesh Back Vest w/Stripes L	$ 95.00
VESTMESHRED-XL	Red Mesh Back Vest w/Stripes XL	$ 95.00
VESTMESHRED-XXL	Red Mesh Back Vest w/Stripes XXL	$ 95.00

Blue

Item	Description	Price
VESTMESHBLUE-S	Blue Mesh Back Vest w/Stripes S	$ 95.00
VESTMESHBLUE-M	Blue Mesh Back Vest w/Stripes M	$ 95.00
VESTMESHBLUE-L	Blue Mesh Back Vest w/Stripes L	$ 95.00
VESTMESHBLUE-XL	Blue Mesh Back Vest w/Stripes XL	$ 95.00
VESTMESHBLUE-XXL	Blue Mesh Back Vest w/Stripes XXL	$ 95.00
VESTMESHBLUE-XXXL	Blue Mesh Back Vest w/Stripes XXXL	$ 95.00

Please refer to your local regulations on what colors are acceptable in your territory

Flags & Whiskers

Marking Flags

Plastic Pin Flag 2-1/2" x 3 Flag (Per 1000)

Item	Description	Price
PINFLAG-PLASTICBLUE	Plastic Shaft Flag Blue	$ 125.00
PINFLAG-PLASTICORG	Plastic Shaft Flag Orange	$ 125.00
PINFLAG-PLASTICPINK	Plastic Shaft Flag Pink	$ 125.00
PINFLAG-PLASTICRED	Plastic Shaft Flag Red	$ 125.00
PINFLAG-PLASTICYEL	Plastic Shaft Flag Yellow	$ 125.00
PINFLAG-GREENSEISMIC	Plastic Shaft Flag Green w/ Black Seismic Text	$ 135.00
PINFLAG-REDSEISMIC	Plastic Shaft Flag Red w/ Black Seismic Text	$ 135.00

Metal Pin Flag 2-1/2" x 3" Flag (Per 1000)

Item	Description	Price
PINFLAG-METALBLUE	Metal Shaft Pin Flag Blue	$ 125.00
PINFLAG-METALGRN	Metal Shaft Pin Flag Green	$ 125.00
PINFLAG-METALOLV	Metal Shaft Pin Flag Olive	$ 125.00
PINFLAG-METALORG	Metal Shaft Pin Flag Org	$ 125.00
PINFLAG-METALPNK	Metal Shaft Pin Flag Pink	$ 125.00
PINFLAG-METALPURP	Metal Shaft Pin Flag Purple	$ 125.00
PINFLAG-METALRED	Metal Shaft Pin Flag Red	$ 125.00
PINFLAG-METALWHITE	Metal Shaft Pin Flag White	$ 125.00
PINFLAG-METALYEL	Metal Shaft Pin Flag Yellow	$ 125.00

Wire Marking Flags

Stake Chasers/Whiskers

Stake Chasers/Whiskers (25 per bundle)

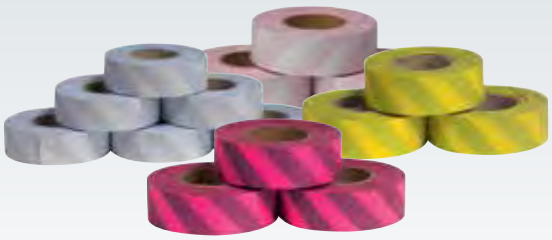
Item	Description	Price
WHISKBLUE	Stake Chaser Blue Bndl/25	$ 4.50
WHISKGREEN	Stake Chaser Green Bndl/25	$ 4.50
WHISKORG	Stake Chaser Orange Bndl/25	$ 4.50
WHISKPINK	Stake Chaser Pink Bndl/25	$ 4.50
WHISKRED	Stake Chaser Red Bndl/25	$ 4.50
WHISKTURQ	Stake Chaser Turquoise Bndl/25	$ 4.50
WHISKWHITE	Stake Chaser White Bndl/25	$ 4.50
WHISKYEL	Stake Chaser Yellow Bndl/25	$ 4.50

Stake Chasers/Whiskers

Prices are subject to change without notice.

Solid Arctic Flagging

Solid Flagging



Striped Flagging

Item	Description	Price Per Roll
FLAGBLU	Flo Blue	$ 1.45
FLAGGREEN	Green	$ 1.45
FLAGORG	Flo Orange	$ 1.45
FLAGPINK	Flo Pink	$ 1.45
FLAG RED	Red	$ 1.45
FLAGYEL	Yellow	$ 1.45

Stripped Arctic Flagging

Item	Description	Price Per Roll
FLAGORG/BLK	Orange/Black Striped	$ 1.95
FLAGPINK/BLK	Pink/Black Striped	$ 1.95
FLAGYEL/BLK	Yellow/Black Striped	$ 1.95

Seismic Arctic Flagging

Item	Description	Price Per Roll
FLAGGREENSIESMIC	Green Seismic	$ 1.95
FLAGREDSEISMIC	Red Seismic	$ 1.95

Aerial Flagging

Aerial Flagging

Item	Description	Price
9045-01	12" X 300' White Aerial	$ 41.75
9045-02	18" X 300' White Aerial	$ 72.75
9045-03	24" X 300' White Aerial	$ 82.75
9045-04	36" X 300' White Aerial	$ 124.00

Aerial Targets

Item	Description	Price
15000-0-48	Aerial Target - 48"X48" - Iron Cross	$ 19.75
15500-0-48	Aerial Target - 48"X48" - Bullseye	$ 19.75

15000-0-48

15500-0-48

Case Discounts Available Contact your Local Spatial Representative for Details

Paint Supplies

Marking Paint

Item	Description	Price (Can)
200 Clear	Paint- Clear Coat	$ 5.50
201 Red	Paint - Red	$ 5.50
206 Black	Paint - Black	$ 5.50
207 White	Paint - White	$ 5.50
212 Purple	Paint - Purple	$ 5.50
220 FL Red	Paint - Fl. Red	$ 5.50
222 Fl Org	Paint - Fl. Orange	$ 5.50
224 Fl Green	Paint - Fl. Green	$ 5.50
226 Fl Yellow	Paint - Fl. Yellow	$ 5.50
227 Fl Blue	Paint - Fl. Blue	$ 5.50
229 Fl Pink	Paint - Fl. Pink	$ 5.50
230 Fl Red/Org	Paint - Fl. Red/Orange	$ 5.50

Case Discounts Available Contact your Local Spatial Representative for Details

Aervoe
Marking Paint

Marking Paint Accessories

Item	Description	Price
PA14	Keson Marking Stick - Short	$ 19.75
PA35	Keson Marking Stick - Long	$ 24.75
244	Aervoe Marking Stick - Short	$ 24.75
245	Aervoe Marking Stick - Long	$ 29.75

Paint Pens

Item	Description	Price
1221 Red	Industrial Paint Pen - Red	$ 3.75
1222 Yellow	Industrial Paint Pen - Yellow	$ 3.75
1226 Black	Industrial Paint Pen - Black	$ 3.75
1227 White	Industrial Paint Pen - White	$ 3.75

Prices are subject to change without notice.

Dixon Markers

9060-14

9060-06

Item	Description	Price
9060-14	Dixon Liquid Tip Marker -Black	$ 2.75
9060-06	Dixon Liquid Tip Marker - Red	$ 2.75

Sharpie

15001

Item	Description	PRICE
15001	Sharpie King Size Marker	$ 2.75

Dixon Lumber Crayons

9062-00

9061-05

9061-04

9061-03

9061-02

9061-05

9061-06

Item	Description	Price
9061-14	Black Dixon Lumber Crayon	$ 1.25
9061-03	Yellow Dixon Lumber Crayon	$ 1.25
9061-05	Blue Dixon Lumber Crayon	$ 1.25
9061-04	White Dixon Lumber Crayon	$ 1.25
9061-02	Pink Dixon Lumber Crayon	$ 1.25
9061-06	Red Dixon Lumber Crayon	$ 1.25
9062-00	Dixon Lumber Crayon Holder	$ 11.75

China Marker

China Marker

Item	Description	Price
CMB	China Marker - Blue	$ 0.75
CMBK	China Marker - Black	$ 0.75
CMR	China Marker - Red	$ 0.75
CMW	China Marker - White	$ 0.75
CMY	China Marker - Yellow	$ 0.75

Carpenter Pencil

CP26

Item	Description	Price
CP26	Carpenter Pencil (6) w/ Sharpener	$ 8.75

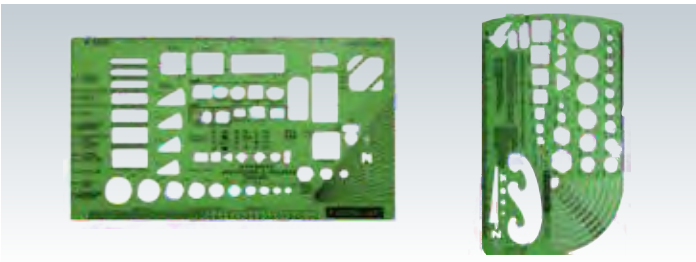
Drafting

Pencils

Item	Description	Price
526 50BK	Staedtler Mars Plastic Eraser	$ 2.75
780 BK	Staedtler Lead Holder	$ 12.75
200HB-BK12	Staedtler 2mm Leads - HB	$ 21.75

Templates

Item	Description	Price
977 125	Staedtler Template - Architect	$ 14.75
977 161	Staedtler Template - Surveyor	$ 21.75



Scales

Item	Description	Price
98718-4WP	Staedtler Triangular Scale - Architect	$ 12.75
98718-6WP	Staedtler Triangular Scale - Surveyor	$ 12.75

Pens

Item	Description	Price
JDL37	RITR Standard Clicker Pen - Black	$ 13.75
JDL97	RITR Tactical Clicker Pen - Black	$ 20.75
JDL97KIT	RITR Tactical Clicker Pen - Black w/ Holster	$ 23.75

Prices are subject to change without notice.

Spatial Binder

BINDER-BLUE-SP

S298360

Item	Description	Price
BINDER-BLUE-POLY	Trimseal Poly Binder	$ 9.75
BINDER-BLUE-SP	Trimseal Naugahyde Binder	$ 13.75

Spatial Bound Field Book

Item	Description	Price
S298360	Spatial Bound Field Book (White)	$ 6.75
S298370	Spatial Bound Level Book (Yellow)	$ 6.75

Rite in the Rain Paper

Loose Leaf

Bound Book

Copier Paper

Spiral Bound

Item	Description	Price
JDL302	RITR 302 Loose Leaf - Transit (100pgs)	$ 19.75
JDL312	RITR 312 Loose Leaf - Level (100pgs)	$ 19.75
JDL352	RITR 352 Loose Leaf - Field (100pgs)	$ 19.75
JDL392	RITR 392 Loose Leaf - Journal (100pgs)	$ 19.75
JDL395	RITR 395 Loose Leaf - Blank (100pgs)	$ 19.75
JDL300	RITR 300 Bound Book - Transit	$ 23.75
JDL310	RITR 310 Bound Book - Level	$ 23.75
JDL300F	RITR 300 Fabric Bound Book - Transit	$ 23.75
JDL310F	RITR 310 Fabric Bound Book - Level	$ 23.75
JDL350F	RITR 350 Fabric Bound Book - Field	$ 23.75
JDL301	RITR 301 Stapled Notebook - Transit	$ 6.75
JDL311	RITR 311 Stapled Notebook - Level	$ 6.75
JDL351	RITR 351 Stapled Notebook - Field	$ 6.75
JDL303	RITR 303 Spiral Bound Notebook - Transit	$ 9.75
JDL313	RITR 313 Spiral Bound Notebook - Level	$ 9.75
JDL353	RITR 353 Spiral Bound Notebook - Field	$ 9.75
JDL8511	RITR 8511 Copier Paper 8-1/2" X 11"	$ 41.75
JDL8514	RITR 8514 Copier Paper 8-1/2" X 14"	$ 53.75
JDL8517	RITR 8517 Copier Paper 11" X 17"	$ 81.75

Duksbak

Item	Description	Price
7x4F	Duksbak Loose Leaf - Field	$ 17.75
7x4LL	Duksbak Loose Leaf - Transit	$ 17.75
WF-7	Duksbak Coil Bound Book - Field	$ 19.75
WL-7	Duksbak Coil Bound Book - Transit	$ 19.75

Transit

Journal

Field

Level

Field Accessories

Plumb Bobs

Item	Description	Price
6000-012	12oz Plumb Bob	$ 22.75
6000-014	14oz Plumb Bob	$ 23.75
6000-016	16oz Plumb Bob	$ 24.75
6000-024	24oz Plumb Bob	$ 33.75
6000-032	32oz Plumb Bob	$ 43.75

Points/Tips

Item	Description	Price
6000-002	Tip for Plumb Bob	$ 3.75
6000-001	End Cap for Plumb Bob	$ 4.75

6000-012 6000-024 6000-014

Sheaths

Item	Description	Price
6000-120	Sheath for 10 - 12oz Plumb Bob	$ 12.75
6000-160	Sheath for 14 - 18oz Plumb Bob	$ 13.75

6000-160

Gammon Reels and Strings

Item	Description	Price
6001-06	6' Gammon Reel	$ 17.75
6001-12	12' Gammon Reel	$ 21.75
GRS-ORG	Gammon Reel String - Orange	$ 8.75
GRS-RED	Gammon Reel String - Red	$ 8.75
GRS-WHITE	Gammon Reel String - White	$ 8.75

6001-12

Tally Counter

Item	Description	Price
TM100	Keson Tally Counter	$13.75

TM100

Prices are subject to change without notice.

Mag Nails, Spikes and Hubs

Mag Nails (100 per box)

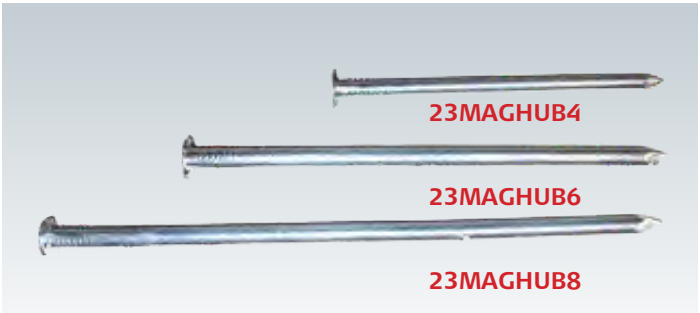
Item	Description	Price
24750	Mag Nail 3/4" X 1/8"	$ 8.75
241000	Mag Nail 1" X 5/32"	$ 11.75
241250	Mag Nail 1-1/4" X 3/16"	$ 15.75
241500	Mag Nail 1-1/2" X 1/4"	$ 21.75
242000	Mag Nail 2" X 1/4"	$ 25.75
242500	Mag Nail 2-1/2" 1/4"	$ 31.75

Stake Tacks

Item	Description	Price
2545644	Stake Tacks - 5 Lbs.	$ 45.00

Mag Spike (25 per box)

Item	Description	Price
253MAGSPIKE	3/8" x 3" Mag Spike	$ 39.75
256MAGSPIKE	3/8" x 6" Mag Spike	$ 48.75
258MAGSPIKE	3/8" x 8" Mag Spike	$ 54.75



Mag Hub

Item	Description	Price
23MAGHUB4	3/16" x 4" Mag Hub (Aprox 875)	$ 84.75
23MAGHUB6	1/4" x 6" Mag Hub (Aprox 360)	$ 84.75
23MAGHUB8	1/4" x 8" Mag Hub (Aprox 275)	$ 84.75

Lath & Accessories

Lath

18"

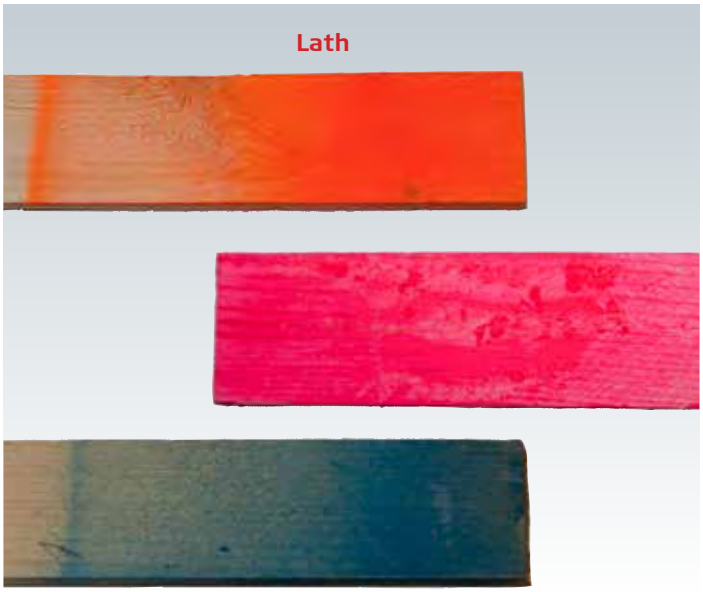
Item	Description	Price
LATH18O	18" Lath - Orange	$ 24.75
LATH18P	18" Lath - Pink	$ 24.75
LATH18B	18" Lath - Blue	$ 24.75
LATH18U	18" Lath - Unpainted	$ 23.75

36"

Item	Description	Price
LATH36O	36" Lath - Orange	$ 29.75
LATH36U	36" Lath - Unpainted	$ 28.75

48"

Item	Description	Price
LATH48O	48" Lath - Orange	$ 34.75
LATH48P	48" Lath - Pink	$ 34.75
LATH48B	48" Lath - Blue	$ 34.75
LATH48U	48" Lath - Unpainted	$ 33.75



Stake & Lath Bags

Item	Description	Price
8090-20	18" Stake/Rebar Bag w/ Rhinotek Base	$ 73.75
8103-20	24" Lath Bag w/ Rhinotek Base	$ 62.75
8100-20	36" Lath Bag w/ Rhinotek Base	$ 62.75
8101-20	48" Lath Bag w/ Rhinotek Base	$ 67.75
8102-01	48" Trough Style Lath Bag	$104.00

Shipping Tags

Item	Description	Price
SHIPTAG-BLUE	Shipping Tag - Blue	$ 47.00
SHIPTAG-GREEN	Shipping Tag - Green	$ 47.00
SHIPTAG-RED	Shipping Tag - Red	$ 47.00
SHIPTAG-YELLOW	Shipping Tag - Yellow	$ 47.00

Prices are subject to change without notice.

Machetes

Item	Description	Price
442P-MA22	22" Machete	$ 21.75
44MA22SHEATH	22" Sheath for Machete	$ 24.75

Sledges/Picks

Item	Description	Price
9070-02	Estwing Long Handle Rock Pick	$ 53.75
9070-06	Estwing Short Drilling Hammer	$ 44.75
9070-07	Estwing Rock Chisel	$ 24.75
9070-08	Estwing Engineer's Hammer	$ 41.75
44OS8	Sledge Hammer - 8Lb - 36' Handle	$ 39.75

Measuring Wheels

MP401E RRT12M RRT6M

Item	Description	Price
MP401E	Keson Electronic Wheel	$ 225.00
RRT6M	Keson Metric Small Wheel w/ Brake	$ 99.75
RRT12M	Keson Metric Large Wheel w/ Brake	$ 125.00
RRT12	Keson Ft/In Wheel w/ Brake	$ 125.00
RR10M	Keson Metric Short Run Wheel	$ 39.75

Prices are subject to change without notice.

Measuring Tapes

Steel Open Reel Tape

Item	Description	Price
NRS18M100	Keson 30m/100' Tape w/ 3X Rewind	$ 79.75
NRS50M	Keson 50m Tape w/ 3X Rewind	$ 89.75
NRS18M200	Keson 60m/200' Tape w/ 3X Rewind	$ 99.75
NRS100M	Keson 100m Tape w/ 3X Rewind	$ 149.75
3006-09	Seco 15m Tape	$ 20.75
3006-14	Seco 15m/50' Tape	$ 20.75
3006-11	Seco 60m Tape	$ 59.75
3006-18	Seco 60m/200' Tape	$ 59.75
3006-20	Seco 100m Tape	$ 99.75

Fiberglass Open-Reel Tape

Item	Description	Price
OTRS18M100	Keson 30m/100ft Tape w/ 3X Rewind	$ 29.75
OTRS18M200	Keson 60m/200ft Tape w/ 3X Rewind	$ 39.75
OTRS10300H	Keson 300' Tape w/ 3X Rewind	$ 44.75

Closed-Reel Tape

Item	Description	Price
ST18M1003X	Keson 30m/100' Tape w/ 3X Rewind	$ 21.75

Hand Tapes

Item	Description	Price
PG18M25RG	Keson Rubberized Hand Tape 7.5m/25ft - Steel Blade	$ 14.75
PG18M25AL	Keson Auto-lock Hand Tape 7.5m/25ft - Steel Blade	$ 14.75

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Volume 2014-3